

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

aOK495
.L52E8

EVALUATION OF SOYBEAN GERMPLOSM
MATURITY GROUPS V, VI, VII, VIII

"NOT FOR PUBLICATION - This is a Progress Report of Cooperative Investigations Containing Data the Interpretation of Which May be Modified With Additional Experimentation. Therefore, Publication, Display, or Distribution of Any Data or Any Statements Herein Should Not be Made Without Prior Written Approval of the Crops Research Division, A.R.S., U. S. Dept. Agr., and the Cooperating Agency or Agencies Concerned."

R S L M 2 2 6

J U L Y, 1 9 6 6

U. S. R E G I O N A L S O Y B E A N L A B O R A T O R Y

AD-38 Bookplate
(1-68)

NATIONAL

**A
G
R
I
C
U
L
T
U
R
A
L**



LIBRARY

EVALUATION OF SOYBEAN GERMPLASM

MATURITY GROUPS V, VI, VII, VIII

A collection of domestic and introduced soybean strains are maintained for research purposes. Strains of V, VI, VII, and VIII are maintained at Stoneville, Mississippi. There are now 169 strains of maturity Group V, 148 strains of maturity Group VI, 200 strains of maturity Group VII, and 205 strains of maturity group VIII. All strains were grown at Stoneville in 1964. Strains of maturity Group VIII were also grown at Gainesville, Florida. Seed samples for chemical analyses were from Gainesville.

Ratings for salt tolerance were made at Brawley, California. Ratings for disease reaction were made at Stoneville or Gainesville as differences were observed.

Abbreviations used for and explanations of these characters are as follows:

Flower Color: P = purple; LP = dilute purple; W = white.

Pubescence Color: T = tawny; LT = light tawny; G = gray.

Pubescence Type: N = normal; D = dense; G = glabrous

Pod Color: Bl = black; Br = brown; T = tan.

Seed Coat and Hilum Color: Y = yellow; Gn = green; Bl = black; Br = brown;

G = gray; Ib = imperfect black; Bf = buff.

Seed Size: Weight of 100 seeds in grams.

Seed Quality: 1 = very good appearance; 5 = very poor in appearance.

Seed Composition: Protein and oil percentages reported on a dry-weight basis.

Protein Composition: Methionine - percent of total protein. Method used not applicable where strains had black or brown seed coats.

Oil Composition: Linolenic and linoleic acid - percent of oil.

Iodine No. - calculated from refractive index of oil at 25° C.

Shatter: 1 = no shattering; 5 = severe shattering.

Disease Ratings:

Bacterial Pustule (Xanthomonas phaseoli var. sojense) - ratings based upon natural infection in the field: 1 = resistant; 5 = very susceptible.

Frogeye (Cercospora sojina) - ratings based upon natural infection in field: 1 = resistant; 5 = very susceptible.

Downey Mildew (Peronospora manshurica) - ratings based upon natural field infection: 0 = absence of disease; + = presence of disease.

Phytophthora rot (Phytophthora megasperma var. sojae) - ratings based upon hypocotyl inoculation of 10 seedlings in the greenhouse:
R = resistant; S = susceptible.

Salt Reaction: S = susceptible; T = tolerant.

JUN 1 1977

GERMPLASM, GROUP V MATURITY

Line No.	Variety or number	Parentage or variety name	Source
	Dorman Hill		
1	Dorman	Dunfield x Arksoy	U.S. Regional Soybean Laboratory
2	Dortchsoy 67	Macoupin sel. x Ogden	Dortch Seed Co.
3	Harrel	Farmer's selection	Virginia
4	Hill	D632-15 x D49-2525	U.S. Regional Soybean Laboratory
5	Hollybrook	Rogue in Mammoth Yellow	T.W. Wood Seed Co., Richmond, Va.
6	Luthv	Farmer's selection	Maryland
7	Nansemond	Farmer's selection	Virginia
8	Peking	PI 17,852-B	China
9	S-100	Rogue in Illini	Missouri
10	Virginia	PI 19,186-0	China
11	FC 30265		Cincinnati, Ohio
12	FC 31572		Cornell University
13	FC 31683		Baltimore, Md.
14	FC 31719		Bureau Agr. Econ.
15	FC 31721		Bureau Agr. Econ.
16	FC 31731 ^{1/}		Montgomery, Ala.
17	FC 31918		Richmond, Va.
18	FC 31934		Baltimore, Md.
19	FC 31952		Unknown
20	FC 32176		H. W. Smith, Frankfort, Ill.
21	PI 55,089		China
22	PI 59,845		Omagari, Akita Ken, Japan
23	PI 60,269 ^{2/}		Kwanaju, Korea
24	PI 60,273		China
25	PI 60,296		Shaoking, Chekiang, China
26	PI 62,203 ^{2/}		Tang Shan, China
27	PI 62,204		China
28	PI 65,342		Harbin, Manchuria
29	PI 71,465		Nanking, China
30	PI 71,667		Nanking, China
31	PI 71,677		Nanking, China
32	PI 79,832		Harbin Exp. Sta., Manchuria
33	PI 80,466		Tokyo, Japan
34	PI 80,498		Yokohama, Japan
35	PI 81,042		Yokohama, Japan
36	PI 81,774		Kawazoe, Japan
37	PI 81,780-S		Katoni, Hokkaido
38	PI 82,184-S		Japan
39	PI 82,286		Seoul, Korea
40	PI 82,588		Seoul, Korea

Group V-la

Line No.	Year intro-duced	Flowers		Maturity	Height	Pubescence	
		Color	Date			Color	Type
Dorman Hill		W	7-1	9-9	30	G	N
		W	7-3	9-9	34	T	N
1	1952	W	7-1	9-9	30	G	N
2	1953	W	7-3	9-12	30	G	N
3		P	7-8	9-18	46	T	N
4	1959	W	7-3	9-9	34	T	N
5	1902	W	7-3	9-30	32	G	N
6		W	7-5	9-23	30	T	N
7		P	7-5	9-16	40	T	N
8	1907	W	7-3	9-9	34	T	N
9	1945	W	6-24	9-12	52	G	N
10	1907	W P	6-26	9-12	56	T	N
11	1938	W	6-28	9-18	68	T	N
12	1944	W	7-3	9-23	36	G	N
13	1946	W	6-24	9-12	44	G	N
14	1947	W	7-1	9-23	66	G	N
15	1947	P	7-1	10-2	76	T	N
16	1947	W	6-24	9-12	50	G	N
17	1948	P	7-8	9-23	40	T	N
18	1949	P	6-26	9-6	52	G	N
19	1950	P	7-8	9-18	46	G	N
20	1954	W	7-5	9-18	60	G	N
21	1922	W	7-1	9-27	46	G	N
22	1924	W	7-19	10-8	50	G	N
23	1924	W	7-1	9-23	52	G	N
24	1924	P	7-3	9-30	54	T	N
25	1924	W	6-26	9-16	44	G	N
26	1924	W	7-8	9-23	48	G	N
27	1924	W	7-8	10-2	36	G	N
28	1925	P	6-26	9-20	26	G	N
29	1927	W	6-26	9-20	38	T	N
30	1927	P	7-8	10-8	60	T	N
31	1927	W	7-5	10-8	58	T	N
32	1929	W	6-28	9-4	52	G	N
33	1929	P	7-5	9-16	30	G	N
34	1929	P	7-1	9-30	28	G	D
35	1929	W	7-12	10-8	52	G	N
36	1929	P	6-26	9-30	28	G	N
37	1929	P	7-1	9-9	20	G	N
38	1929	W	7-8	10-2	34	G	N
39	1929	P	7-5	10-2	30	G	N
40	1929	P	6-28	9-9	42	T	N

Group V-1b

Line No.	Pod color	Seed				Percent	
		Coat color	Hilum color	Size	Quality	Protein	Oil
Dorman	T	Y	Bf	10.9	2	41.6	22.3
Hill	T	Y	Br	11.4	2	42.3	22.4
1	T	Y	Bf	10.9	2	41.6	22.3
2	Br	Y	Bf	10.2	2	41.7	21.0
3	Br	Y	Br	14.0	2	44.3	19.4
4	T	Y	Br	11.4	2	42.3	22.4
5	Br	Y	Bf	11.0	2	42.1	19.8
6	Br	Y	Br	13.4	2	42.2	21.3
7	Br	Y	Br	15.0	2	44.6	20.0
8	Br	B1	B1	8.0	3	42.9	15.9
9	Br	Y	Bf	12.9	3	45.0	19.4
10	T	Br	Br	11.2	3	45.6	17.9
11	Br	Y	B1	12.1	2	43.0	20.4
12	Br	Y	Bf	14.6	2	43.6	20.2
13	Br	Y	Bf	14.7	2	40.6	22.6
14	Br	B1	B1	11.4	2	40.5	19.6
15	Br	Br	Br	9.3	3	44.1	17.8
16	Br	Y	Bf	13.2	2	44.5	19.9
17	Br	Y	B1	12.4	2	44.4	19.4
18	Br	B1	B1	9.9	2	43.3	18.0
19	Br	Y	Y	16.8	2	46.7	20.4
20	Br	Gn	Bf	12.6	2	41.4	20.8
21	T	Y	Bf	12.4	2	42.5	22.2
22	T	Y	Br	15.2	2	41.7	19.5
23	Br	Y	Bf	13.8	2	42.4	20.5
24	Br	Gn	Br	11.6	2	40.6	22.4
25	Br	Y	Bf	15.1	2	45.2	20.7
26	T	Y	Bf	11.4	2	41.5	21.3
27	Br	Y	Bf	11.7	2	44.0	19.1
28	Br	Y	Br	11.9	2	43.2	20.1
29	Br	Y	Br	12.5	2	42.8	22.2
30	Br	Y	Y	14.0	2	43.5	18.2
31	Br	Y	Y	13.5	2	40.5	18.8
32	Br	Y	Bf	11.8	2	42.1	20.7
33	T	Y	Bf	10.6	2	42.1	22.4
34	Br	Y	Br	16.2	2	42.5	20.8
35	Br	Y	Bf	10.9	2	42.4	20.0
36	Br	Gn	Bf	19.1	2	41.2	22.8
37	T	Y	Br	18.4	3	43.2	22.4
38	T	Y	Bf	12.2	2	43.2	21.4
39	B1	Y	Br	7.2	2	47.8	15.9
40	Br	Y	Br	14.2	2	41.5	22.1

Group V-1c

Line No.	Protein Comp. Methionine	Oil Composition			Shatter	Disease Reaction				Salt reaction
		Lino- lenic	Lino- leic	Iodine No.		B.P.	Frog- eye	D.M.	P.R.	
Dorman	1.25	6.52	52.4	136.0	3	3	1	1	S	S
Hill	1.37	5.51	46.1	128.6	1	1	1	1	S	S
1	1.25	6.52	52.4	136.0	3	3	1	1	S	S
2	1.59	6.52	47.4	131.5	4	5	1	1	S	-
3	1.36	6.13	42.6	126.9	4	5	1	1	R	S
4	1.37	5.51	46.1	128.6	1	1	1	1	S	S
5	1.20	7.24	49.7	136.6	5	5	-	-	S	-
6	1.36	5.93	48.6	134.0	5	5	1	1	S	S
7	1.35	6.34	42.4	128.6	4	5	1	1	R	-
8	--	9.67	51.0	141.6	5	5	1	1	S	S
9	1.16	6.56	47.4	131.5	4	5	2	3	R	-
10	--	6.30	51.1	134.0	5	5	3	1	R	-
11	1.35	6.58	45.7	128.6	3	4	4	1	S	T
12	1.34	6.95	50.1	136.3	2	5	1	1	S	T
13	1.31	6.03	49.8	133.7	3	5	2	1	S	T
14	--	7.88	47.9	134.3	5	5	2	1	R	T
15	--	6.87	50.1	136.0	4	5	1	1	R	S
16	1.28	6.26	47.7	134.0	3	5	1	1	S	T
17	1.40	5.47	46.6	130.0	5	5	2	1	S	S
18	--	7.39	49.4	136.6	5	5	1	1	R	S
19	1.45	5.60	44.5	128.0	2	4	5	1	S	S
20	1.60	5.93	44.1	128.0	3	5	-	1	S	T
21	1.45	5.99	45.3	133.2	5	4	1	1	S	S
22	1.45	7.51	47.2	136.3	2	5	-	1	S	S
23	1.32	6.52	45.3	128.3	4	4	-	1	S	T
24	1.53	5.80	49.0	133.7	5	5	2	2	R	T
25	1.38	5.58	44.1	127.2	5	5	-	1+	S	S
26	1.40	6.11	42.3	125.5	4	5	1	1	S	-
27	1.31	5.66	43.0	128.0	5	3	-	1	R	-
28	1.57	6.87	50.1	137.2	5	5	-	1	R	S
29	1.33	6.71	45.7	132.6	5	3	-	2	S	-
30	1.22	7.72	46.6	135.1	5	3	-	1	S	S
31	1.27	5.62	42.8	130.0	4	5	-	1	S	T
32	1.26	5.80	44.3	127.7	5	5	1	1	S	T
33	1.19	6.54	50.5	133.7	2	1	-	-	S	-
34	1.34	7.04	48.4	133.7	1	4	-	1	S	S
35	1.25	7.47	46.1	130.9	5	5	1	1	S	S
36	1.27	6.46	49.7	136.0	3	5	1	1	R	S
37	1.26	6.83	48.3	133.7	5	4	-	1	S	S
38	1.21	6.65	50.6	136.6	1	5	-	1	R	S
39	1.15	8.07	48.7	138.6	5	3	-	1	R	S
40	1.33	6.11	48.2	132.6	5	5	1	1	R	S

Group V-2

Line No.	Variety or number	Parentage or variety name	Source
	Dorman Hill		
41	PI 83,836	Tansen, Korea	
42	PI 83,874	Kote, Korea	
43	PI 83,942	Suigan, Korea	
44	PI 84,632-S ^{2/}	Suigan, Korea	
45	PI 84,669	Suigan, Korea	
46	PI 84,734	Suigan, Korea	
47	PI 84,874	Suigan, Korea	
48	PI 84,910	Pyongyang, Korea	
49	PI 84,949	Fusan, Korea	
50	PI 85,089	Suigan, Korea	
51	PI 85,252 ^{3/}	Suigan, Korea	
52	PI 85,342	Suigan, Korea	
53	PI 85,666-S	Tokyo, Japan	
54	PI 86,045-S	Hokkaido, Japan	
55	PI 86,078	Japan	
56	PI 86,084	Obihiro, Hokkaido, Japan	
57	PI 86,113-S	Obihiro, Hokkaido, Japan	
58	PI 86,465	Omagari, Japan	
59	PI 86,543	Omagari, Japan	
60	PI 86,892	Keikido-ken, Korea	
61	PI 86,982	Zenra Hokudo, Korea	
62	PI 87,037	Zenra Hokudo, Korea	
63	PI 87,076	Zenra Hokudo, Korea	
64	PI 87,542	Zenra Hokudo, Korea	
65	PI 88,490	Hsiungyaocheng, Manchuria	
66	PI 88,820	Kokai, Korea	
67	PI 89,061	Manchuria	
68	PI 89,154-S	Kyojyo, KWrea	
69	PI 90,243	Chinnampo, Korea	
70	PI 90,251	Seoul, Korea	
71	PI 90,481	Ta Hsin Feng, China	
72	PI 91,100	Manchuria	
73	PI 91,159-S	Manchuria	
74	PI 91,646	Not a soybean number	
75	PI 91,725	Korea	
76	PI 92,743	Not a soybean number	
77	PI 93,055-S	China	
78	PI 95,780	Shariin, Korea	
79	PI 95,959	Shariin, Korea	
80	PI 96,089	Shariin, Korea	

Group V-2a

Line No.	Year intro- duced	Flowers		Maturity	Height	Pubescence	
		Color	Date			Color	Type
Dorman		W	7-1	9-9	30	G	N
Hill		W	7-3	9-9	34	T	N
41	1929	W	6-28	9-27	26	G	N
42	1929	P	6-28	9-12	24	G	N
43	1929	P	7-1	9-12	30	T	N
44	1929	W	6-24	9-6	44	G	N
45	1929	W	7-3	9-18	56	G	N
46	1929	W	6-24	9-23	48	G	N
47	1929	P	6-28	10-2	26	T	N
48	1929	W	7-1	9-12	28	G	N
49	1929	P	6-26	9-12	28	G	N
50	1929	W	7-3	9-16	54	G	N
51	1929	W	6-28	9-20	24	T	N
52	1929	P	7-5	10-2	30	G	N
53	1930	P	7-1	9-23	30	G	N
54	1930	P	7-1	9-23	50	T	N
55	1930	P	7-12	10-8	30	T	N
56	1930	P	7-5	9-23	72	G	N
57	1930	P	6-28	9-18	50	G	N
58	1930	W	7-3	9-20	48	T	N
59	1930	P	7-3	9-20	46	G	N
60	1930	P	7-3	9-23	32	T	N
61	1930	P	7-1	9-23	48	T	N
62	1930	P	7-8	10-8	50	T	N
63	1930	P	7-3	10-8	48	G	N
64	1930	P	7-1	9-16	28	G	N
65	1930	W	7-1	9-9	46	G	N
66	1930	W	7-1	9-18	48	T	N
67	1930	W	6-28	9-18	46	G	N
68	1930	P	7-3	9-16	44	G	N
69	1930	W	7-3	9-16	42	G	N
70	1930	W	6-26	9-4	48	G	N
71	1930	W	7-1	9-4	36	G	N
72	1930	W	6-24	9-4	40	G	N
73	1930	W	7-8	10-8	48	G	D
74		W	7-8	9-23	58	G	N
75	1930	W	7-1	9-18	60	G	N
76		P	6-28	9-4	30	G	N
77	1931	P	7-3	9-27	24	G	N
78	1932	P	7-5	9-27	52	G	N
79	1932	W	6-24	9-30	14	G	N
80	1932	W	7-19	10-10	50	G	N

Group V-2b

Line No.	Pod color	Seed				Percent	
		Coat color	Hilum color	Size	Quality	Protein	Oil
Dorman	T	Y	Bf	10.9	2	41.6	22.3
Hill	T	Y	Br	11.4	2	42.3	22.4
41	T	Y	Bf	9.8	2	45.9	20.7
42	Br	Y	Bf	9.9	2	41.8	21.7
43	Br	Y	Br	8.6	2	43.6	20.1
44	Br	Gn	Bf	16.2	3	44.6	20.5
45	Br	Y	Bf	13.8	2	43.0	20.9
46	Bl	Y	Br	11.0	2	42.2	20.9
47	Br	Gn	Bf	16.2	2	38.3	22.4
48	Br	Y	Bf	15.6	2	44.0	21.7
49	T	Y	Y	12.0	2	42.6	21.0
50	T	Y	Br	10.7	2	46.1	20.4
51	Br	Bl	Bl	22.9	2	43.3	20.6
52	Bl	Y	Br	6.6	2	46.7	16.7
53	T	Y	Y	11.1	2	43.5	18.5
54	Bl	Gn	Br	8.8	2	41.9	20.3
55	Br	Y	Y	11.8	2	39.5	20.4
56	T	Y	Bf	14.0	2	41.3	22.9
57	Br	Y	Br	15.4	2	40.5	21.9
58	T	Y	Bf	15.3	2	43.4	20.5
59	Br	Y	Br	14.4	2	41.6	21.0
60	Br	Gn	Gn	14.8	2	45.2	18.7
61	Br	Y	Bf	15.2	2	42.6	20.9
62	T	Y	Br	12.6	2	43.6	19.7
63	Br	Y	Br	12.2	2	42.1	19.6
64	Br	Y	Bf	14.2	2	42.1	22.1
65	Br	Y	Bf	18.0	2	44.5	21.8
66	T	Y	Bf	16.4	2	45.3	18.7
67	T	Y	Bf	15.2	2	40.7	22.6
68	Br	Y	G	13.0	2	41.6	23.2
69	Br	Y	Bf	9.8	3	41.5	21.3
70	Br	Y	Bf	10.0	2	43.2	20.5
71	Br	Y	Y	15.5	2	43.0	19.5
72	Br	Y	Y	19.9	3	43.0	21.6
73	Br	Y	Bf	14.2	2	42.1	20.0
74	Br	Y	Bf	14.3	2	42.8	22.2
75	Br	Y	Y	11.6	2	42.5	21.7
76	T	Y	Br	13.6	2	46.6	18.6
77	T	Y	Bf	11.5	2	42.1	19.7
78	T	Y	Br	16.1	2	44.2	20.0
79	Br	Y	Bf	25.2	3	45.0	19.6
80	Br	Y	Bf	14.6	2	44.9	18.7

Group V-2c

Line No.	Protein Comp. Methionine	Oil Composition			Shatter	Disease Reaction				Salt reaction
		Lino- lenic	Lino- leic	Iodine No.		B.P.	Frog- eye	D.M.	P.R.	
Dorman	1.25	6.52	52.4	136.0	3	3	1	1	S	S
Hill	1.37	5.51	46.1	128.6	1	1	1	1	S	S
41	1.19	5.99	47.8	132.9	3	4	-	1	R	S
42	1.20	6.54	52.0	136.6	4	4	1	1	R	T
43	1.37	7.04	47.4	135.4	5	4	-	1	S	S
44	1.35	6.40	45.0	130.3	5	5	-	1	S	S
45	1.22	5.64	45.3	127.7	5	5	1	1	R	S
46	1.42	6.23	48.8	133.4	2	5	-	1	S	S
47	1.43	6.89	49.1	134.0	5	5	-	1	S	S
48	1.25	5.60	50.0	135.7	5	5	-	1	S	S
49	1.38	6.54	51.5	138.6	5	4	3	1	R	S
50	1.38	6.28	46.3	132.1	5	4	1	1	R	S
51	--	5.88	49.5	135.1	4	3	-	1	S	S
52	1.31	7.20	49.8	137.7	5	4	-	1	R	S
53	1.22	7.30	48.1	137.4	5	3	-	1	R	S
54	--	5.72	47.8	131.7	3	3	-	1	S	S
55	1.20	8.70	51.1	141.1	3	5	-	3	R	S
56	1.23	5.82	48.2	132.3	3	4	-	1	S	S
57	1.23	5.45	47.6	121.7	5	5	-	1	S	T
58	1.27	5.51	40.3	125.8	5	5	1	1	R	S
59	1.32	5.25	46.3	130.3	3	4	-	3	S	-
60	--	6.98	45.5	132.9	4	5	-	1	S	S
61	1.18	6.17	48.4	131.7	4	4	-	1	S	S
62	1.19	6.67	48.9	133.2	5	3	1	1	S	S
63	1.22	7.10	48.2	134.3	3	4	-	1	R	S
64	1.32	5.39	49.1	132.3	3	4	-	4	R	-
65	1.20	6.56	47.8	132.3	5	3	2	1	S	S
66	1.40	6.09	40.3	124.1	5	4	1	1	S	S
67	1.32	6.62	47.9	131.2	5	4	-	1	S	S
68	1.36	5.84	46.1	129.4	3	4	1	1	S	S
69	1.54	5.93	37.6	129.4	4	4	1	1	S	S
70	1.40	6.52	46.1	133.2	5	4	-	1	R	S
71	1.35	6.42	47.2	130.3	5	4	1	1	R	-
72	1.47	6.09	47.0	130.3	5	4	-	1	S	S
73	1.47	6.65	46.6	132.3	3	3	-	1	R	S
74	1.33	5.76	40.1	124.1	4	5	-	1	S	S
75	--	5.99	44.9	127.5	5	5	-	1	S	S
76	1.33	7.53	49.1	137.7	5	5	1	3	R	-
77	1.51	7.72	47.6	133.4	5	5	2	1	R	S
78	1.39	6.79	48.4	136.0	5	4	1	3	S	S
79	1.18	6.83	53.1	136.6	5	4	-	1	S	S
80	1.46	7.18	47.5	136.3	3	3	-	1	R	S

Group V-3

Line No.	Variety or number	Parentage or variety name	Source
	Dorman Hill		
81	PI 96,169		Shariin, Korea
82	PI 96,786		Shariin, Korea
83	PI 96,983		Shariin, Korea
84	PI 97,066		Shariin, Korea
85	PI 97,081		Shariin, Korea
86	PI 103,079		Honan Univ. Kai Feng, China
87	PI 103,419		Manchuria, Imienpo Sta.
88	PI 123,440		Burma
89	PI 123,577		Paotingfu, China
90	PI 123,587		Paotingfu, China
91	PI 123,590		Paotingfu, China
92	PI 157,394	Alki-ball	Central Exp. Sta., Suwan, Korea
93	PI 157,406	Chang-tan	Central Exp. Sta., Suwan, Korea
94	PI 157,413 ^{4/}	Akita	Central Exp. Sta., Suwan, Korea
95	PI 157,422		Central Exp. Sta., Suwan, Korea
96	PI 157,430	I-chu-tau-chow	Central Exp. Sta., Suwan, Korea
97	PI 157,432	I-san	Central Exp. Sta., Suwan, Korea
98	PI 157,440	Kin-du	Central Exp. Sta., Suwan, Korea
99	PI 157,443	Kum-kang #6	Central Exp. Sta., Suwan, Korea
100	PI 157,444	Kum-kang-dae-ryu	Central Exp. Sta., Suwan, Korea
101	PI 157,451		Central Exp. Sta., Suwan, Korea
102	PI 157,470	Ryuc-u No. 3	Central Exp. Sta., Suwan, Korea
103	PI 157,473		Central Exp. Sta., Suwan, Korea
104	PI 157,478	Suwon #8	Central Exp. Sta., Suwan, Korea
105	PI 157,484	Ul-sam	Central Exp. Sta., Suwan, Korea
106	PI 157,493	Soran-du	Central Exp. Sta., Suwan, Korea
107	PI 157,751	Kum-kan	Central Exp. Sta., Suwan, Korea
108	PI 159,319		Korea
109	PI 170,893		South Africa
110	PI 170,895		South Africa
111	PI 170,896		South Africa
112	PI 170,899		South Africa
113	PI 171,430		A. K. Smith, China
114	PI 171,442		A. K. Smith, China
115	PI 172,902		Turkey
116	PI 179,823 ^{5/}		China
117	PI 179,825		China
118	PI 181,543		Japan, col. by E.B. Coffman, Agr. Div. SCAP, San Francisco
119	PI 181,544		Same
120	PI 181,545		Same

Group V-3a

Line No.	Year intro- duced	Flowers		Maturity	Height	Pubescence	
		Color	Date			Color	Type
Dorman		W	7-1	9-9	30	G	N
Hill		W	7-3	9-9	34	T	N
81	1932	P	6-20	9-16	28	G	N
82	1932	P	7-3	9-16	44	G	N
83	1932	W	6-28	9-9	30	G	N
84	1932	P	7-1	10-8	50	G	N
85	1932	W	7-1	9-20	36	G	N
86	1933	W	7-1	9-16	38	G	N
87	1933	P	6-26	9-9	46	G	N
88	1937	P	7-22	10-8	58	T	N
89	1937	P	6-28	9-12	38	G	N
90	1937	P	7-3	9-23	48	G	N
91	1937	W	6-24	9-12	64	G	N
92	1947	W	6-24	9-4	28	G	N
93	1947	W	7-8	10-2	50	G	N
94	1947	W	7-8	10-8	54	G	N
95	1947	P	6-26	9-12	56	T	N
96	1947	P	7-1	9-9	24	G	N
97	1947	W	7-8	10-8	36	G	N
98	1947	W	7-10	10-2	32	G	N
99	1947	P	6-24	9-27	30	G	N
100	1947	P	6-26	9-20	28	T	N
101	1947	P	6-26	9-4	26	G	N
102	1947	P	6-28	9-4	24	G	N
103	1947	P	6-26	9-16	60	G	N
104	1947	P	7-3	9-27	26	T	N
105	1947	W	7-5	9-27	42	G	N
106	1947	P	6-28	9-18	24	T	N
107	1947	P	7-3	10-2	38	G	N
108	1947	W	7-8	10-8	50	G	N
109	1948	P	7-12	9-27	44	G	N
110	1948	P	7-5	9-27	54	G	N
111	1948	P	7-1	9-9	36	G	N
112	1948	P	7-12	9-27	42	G	N
113	1948	W	7-5	9-23	38	G	N
114	1948	W	7-12	10-2	46	T	N
115	1949	W	7-1	9-30	28	T	N
116	1949	P	7-3	9-20	26	T	N
117	1949	P	7-1	9-20	28	T	N
118	1949	P	6-26	9-20	26	T	N
119	1949	P	6-28	9-30	36	T	N
120	1949	P	6-24	9-27	26	T	N

Group V-3b

Line No.	Pod color	Seed				Percent	
		Coat color	Hilum color	Size	Quality	Protein	Oil
Dorman	T	Y	Bf	10.9	2	41.6	22.3
Hill	T	Y	Br	11.4	2	42.3	22.4
81	Br	Y	Br	16.4	2	42.9	21.0
82	Br	Y	Br	11.9	2	42.8	19.0
83	Br	Y	Y	14.1	2	48.5	16.4
84	Br	Y	Br	12.0	2	44.1	19.4
85	T	Y	Bf	10.0	2	42.7	20.6
86	Br	Y	Br	7.0	2	45.2	17.4
87	Br	Y	Br	17.6	2	43.1	21.1
88	Br	Y	B1	14.0	2	45.6	18.3
89	Br	Y	Bf	17.1	3	43.9	20.8
90	Br	Y	Br	13.0	2	42.2	19.2
91	T	Y	Bf	19.3	3	44.2	20.3
92	T	Y	Bf	15.0	2	42.9	21.3
93	T	Y	Bf	18.3	3	41.7	20.1
94	Br	Y	Bf	7.4	2	45.8	16.1
95	Br	Br	Br	12.4	3	44.0	20.5
96	Br	Y	Y	19.6	2	42.3	21.9
97	Br	Y	Bf	12.8	2	41.5	19.2
98	Br	Y	Bf	13.0	2	40.4	22.7
99	Br	Y	Bf	15.2	2	45.3	19.3
100	Br	Gn	Br	14.8	2	41.0	21.2
101	Br	Y	Y	20.7	2	44.5	21.1
102	Br	Y	Y	21.8	2	44.2	21.2
103	Br	Br	Br	12.9	3	42.8	20.7
104	Br	Y	Br	9.9	2	41.2	21.0
105	Br	Y	Bf	11.2	2	40.2	22.0
106	Br	Y	Br	12.0	2	42.0	21.3
107	Br	Y	Bf	13.9	2	43.8	21.6
108	Br	Y	Y	15.0	2	40.9	21.8
109	Br	Y	Br	14.2	3	41.5	20.2
110	Br	Y	Y	16.4	3	42.5	22.1
111	T	B1	B1	9.6	2	42.2	20.0
112	Br	Y	Br	14.1	2	42.8	20.1
113	Br	Gn	Br	10.0	2	41.9	20.2
114	B1	Br	Br	14.3	2	42.2	21.4
115	Br	Y	Y	12.4	2	46.0	19.1
116	Br	Br w/conc	B1	19.4	2	45.6	20.2
117	Br	B1	S	19.6	2	43.5	19.9
118	Br	Y	Br	16.4	2	39.4	22.6
119	Br	Y	Y	15.4	2	38.9	22.9
120	Br	Gn	Bf	15.7	2	39.9	21.3

Group V-3c

Line No.	Protein Comp. Methionine	Oil Composition			Shatter	Disease Reaction				Salt reaction
		Lino- lenic	Lino- leic	Iodine No.		B.P.	Frog- eye	D.M.	P.R.	
Dorman	1.25	6.52	52.4	136.0	3	3	1	1	S	S
Hill	1.37	5.51	46.1	128.6	1	1	1	1	S	S
81	1.46	6.11	47.0	130.9	4	4	-	1	S	S
82	1.36	7.61	46.2	131.5	3	4	1	1	R	S
83	1.29	7.78	49.0	135.1	3	4	1	3	R	S
84	1.41	6.23	47.0	131.7	4	4	2	2	R	S
85	1.42	6.01	49.7	134.3	5	4	-	1	R	S
86	1.31	7.84	49.8	138.6	5	4	2	1	R	T
87	1.28	6.21	44.5	127.2	5	5	-	1	S	S
88	1.40	4.09	48.8	127.7	5	3	-	1	S	S
89	1.22	6.46	44.3	127.7	3	4	-	1	S	S
90	1.26	8.11	43.9	131.5	3	3	4	1	R	S
91	1.35	6.19	46.1	131.5	5	5	1	1	S	S
92	1.42	6.56	49.4	135.4	3	5	-	2	R	S
93	1.58	5.08	39.5	124.3	3	3	-	1	S	-
94	--	8.42	50.2	142.0	4	4	-	1	S	T
95	--	5.62	45.3	130.0	2	5	-	1	S	-
96	1.30	5.37	44.9	128.3	3	5	-	-	R	-
97	1.41	6.74	45.0	129.6	5	4	-	1	R	S
98	1.26	5.76	48.1	131.5	4	5	-	-	S	-
99	1.26	6.98	48.6	134.7	5	5	-	1	S	-
100	1.23	7.59	48.3	138.3	4	5	-	1	R	S
101	1.30	6.54	47.9	132.3	5	5	-	1	R	S
102	1.30	5.76	47.6	132.3	5	4	-	1	S	S
103	--	5.84	46.1	133.4	3	4	1	1	S	S
104	1.27	6.44	49.1	133.4	5	5	-	1	S	S
105	1.41	6.93	50.0	135.7	5	3	-	1	S	S
106	1.19	5.56	46.3	130.3	5	5	-	1	S	S
107	1.41	6.15	50.3	132.6	3	4	1	1	R	S
108	1.39	6.60	49.6	136.3	2	3	-	1	S	S
109	1.41	6.05	44.6	130.3	3	4	-	1+	S	S
110	1.41	6.09	46.1	130.6	3	4	2	1	S	S
111	--	6.58	49.0	134.3	4	4	4	1	S	-
112	1.37	5.72	43.3	128.3	3	4	5	1+	S	S
113	1.48	6.56	47.6	134.3	4	4	4	1	R	-
114	--	5.99	48.1	131.5	5	5	1	1	R	T
115	1.33	7.00	49.7	136.6	4	4	-	1	R	S
116	--	5.91	47.2	128.3	5	4	1	1	S	T
117	--	6.87	48.2	132.9	5	4	1	1	S	T
118	1.49	6.98	48.6	135.7	5	5	1	1	S	S
119	1.45	6.42	46.1	130.6	5	3	1	1	R	T
120	1.39	7.16	48.7	132.9	5	5	1	1	R	S

Group V-4

Line No.	Variety or number	Parentage or variety name	Source
	Dorman Hill		
121	PI 181,546		Japan, col. by E.B. Coffman, Agr. Div. SCAP, San Francisco
122	PI 181,547		Same
123	PI 181,558		Same
124	PI 181,562		Same
125	PI 187,155	Urusan	Same
126	PI 196,166 ^{3/}		Korea, thru R.J. Todd, Delphi, Indiana
127	PI 196,168	Baik Tge	Same
128	PI 196,175	Huk Tae	Same
129	PI 196,177	Yu Tae	Same
130	PI 200,447	Akgsome	Chiougoku-Shikoku Exp.Sta.,Shikoku,Japan
131	PI 200,450	Akita Ani	Chiougoku-Shikoku Exp.Sta.,Shikoku,Japan
132	PI 200,468	Hachigatsu	Same
133	PI 200,472	Hang Kao	Same
134	PI 200,495	Kurodaizu	Same
135	PI 200,503	Miyashiro Jun No. 1	Same
136	PI 200,510	Nogoshi No. 1	Same
137	PI 200,534	Shironakafuto	Same
138	PI 200,546	Wada Ani	Same
139	PI 209,333		Japan
140	PI 210,179		Formosa thru Chia Huang,Ithaca, N.Y.
141	PI 219,780	Asahi No. 6	Tadao Nagata, Lab. of Plant Breed.,Hyogo Agr. College, Sasayama, Hyogo
142	PI 219,785	Ko No. 103	Same
143	PI 219,789	Shin No. 4	Same
144	PI 221,973	Kyosato	Col. Paul Rusch,Kiyosato Edu.Expl.Project,Kiyosato
145	PI 227,158	Changtan-white	Central Agr.Exp.Sta., Suwon, Korea
146	PI 227,159	Changbuk-white	Central Agr. Exp. Sta., Suwon, Korea
147	PI 227,160	Kumgang-large grain	Same
148	PI 227,555		Obihiro Exp. Sta., Hokkaido, Japan
149	PI 227,557 ^{6/}	Gedenshirazu	Obihiro Exp. Sta., Hokkaido, Japan
150	PI 227,567		Obihiro Exp. Sta., Hokkaido, Japan
151	PI 228,064		Aomori Pref.Agr.Exp.Sta.,Aomori, thru J. L. Creech
152	PI 229,315	Asaki No. 60	Ministry of Agr. & Forestry, Tokyo
153	PI 229,335	Kinomame	Same
154	PI 229,337	Kurosaya	Same
155	PI 229,339	Meguro	Same
156	PI 229,346	Oziro	Same
157	PI 229,347	Ouu No. 4	Same
158	PI 229,350 ^{7/}	Sakuyu Aomame	Same
159	PI 235,347		Japan
160	PI 238,928 ^{8/}	Kanto No. 21	Nat.Hygienic Lab.,Div. Medicinal Plants Tamagawayoga-machi,Setagaya-ku,Tokyo

Group V-4a

Line No.	Year intro- duced	Flowers		Maturity	Height	Pubescence	
		Color	Date			Color	Type
Dorman		W	7-1	9-9	30	G	N
Hill		W	7-1	9-9	34	T	N
121	1949	P	6-26	9-27	30	T	N
122	1949	W	6-24	9-16	24	G	N
123	1949	P	6-26	9-20	28	T	N
124	1949	W	7-3	10-2	28	T	N
125	1950	W	6-24	9-16	20	G	N
126	1951	P	6-28	9-16	20	T	N
127	1951	W	6-28	9-9	34	G	N
128	1951	P	7-3	9-23	24	T	N
129	1951	P	6-24	9-9	20	G	N
130	1952	P	6-26	9-12	22	T	N
131	1952	P	6-28	9-21	26	T	N
132	1952	W	7-4	9-15	30	G	N
133	1952	P	6-28	9-18	24	G	N
134	1952	P	6-20	8-24	48	G	N
135	1952	P	7-5	9-23	30	T	N
136	1952	P	7-8	10-2	32	G	N
137	1952	P	6-26	9-9	26	G	N
138	1952	P	6-28	9-27	28	T	N
139	1953	W	7-8	10-8	48	G	N
140	1954	P	7-8	9-18	30	T	N
141	1954	W	7-3	10-2	26	T	N
142	1954	W	6-24	9-12	26	G	N
143	1955	W	7-5	9-27	32	T	D
144	1955	P	7-3	10-8	26	G	N
145	1956	P	6-24	9-9	26	G	N
146	1956	P	6-24	9-9	24	G	N
147	1956	W	6-24	9-20	18	G	N
148	1956	W	7-1	9-27	28	T	N
149	1956	P	7-1	9-18	28	G	N
150	1956	P	6-26	9-20	26	T	N
151	1956	P	6-24	9-20	26	T	N
152	1956	W	7-3	9-23	32	T	N
153	1956	W	7-5	9-12	34	T	D
154	1956	P	7-1	9-27	36	T	N
155	1956	P	6-26	9-23	28	T	N
156	1956	P	7-1	10-8	28	T	N
157	1956	P	7-1	9-9	26	G	N
158	1956	W	7-1	10-2	26	G	N
159	1956	W	6-20	9-4	48	G	N
160	1956	P	6-20	8-28	22	T	N

Group V-4b

Line No.	Pod color	Seed				Percent	
		Coat color	Hilum color	Size	Quality	Protein	Oil
Dorman	T	Y	Bf	10.9	2	41.6	22.3
Hill	T	Y	Br	11.4	2	42.3	22.4
121	Br	Y	Br	14.9	2	39.6	22.2
122	Br	Y	Bf	15.1	2	37.1	22.9
123	Br	Gn	Br	15.4	2	40.9	21.5
124	T	Y	Br	14.1	2	40.8	21.0
125	Br	Y	Y	22.3	3	41.6	20.9
126	Br	Bl	Bl	16.9	2	43.0	19.3
127	T	Y	Bf	19.4	2	41.0	23.2
128	T	Y	Bl	6.6	2	46.1	17.8
129	T	Y	Bf	6.8	2	43.7	17.8
130	Br	Br	Br	6.0	2	43.9	19.7
131	Br	Y	Br	12.5	2	41.5	17.1
132	Br	Y	Br	16.6	2	39.5	21.8
133	T	Y	Y	7.4	2	43.6	19.5
134	Br	Bl	Bl	9.4	3	41.5	20.1
135	T	Y	Bl	8.9	2	42.3	17.8
136	Br	Y	Bf	10.8	2	42.2	20.4
137	Br	Y	Y	16.8	2	42.1	20.9
138	Br	Y	Br	13.6	2	41.2	21.0
139	Br	Bl	Bl	8.2	2	41.1	20.1
140	Br	Y	Br	8.2	2	43.8	17.7
141	Br	Y	Br	14.4	2	41.5	18.6
142	Br	Y	Bf	14.8	2	37.2	19.4
143	Br	Y	Br	16.8	2	42.1	22.5
144	Br	Y	Bf	14.8	2	37.7	19.7
145	T	Y	Y	16.9	2	41.3	21.0
146	Br	Y	Y	15.9	2	41.7	21.4
147	Br	Y	Y	22.4	3	43.2	21.0
148	Br	Y	Br	13.1	2	40.6	21.0
149	Br	Gn	Gn	14.2	2	41.7	21.2
150	Br	Y	Bf	11.0	2	39.3	20.5
151	Br	Gn	Bf	11.6	2	40.0	21.5
152	Br	Y	Br	12.1	2	41.2	19.6
153	Br	Y	Br	15.4	2	44.3	18.7
154	Bl	Y	Br	15.3	2	41.6	20.5
155	Br	Y	Bf	9.4	2	42.2	19.8
156	Br	Y	Br	17.6	2	41.6	19.4
157	Br	Y	Br	19.8	2	43.1	21.4
158	Bl	Gn	Br	8.8	2	40.8	19.2
159	Br	Y	Bf	13.0	2	42.2	21.6
160	Br	Y	Br	16.4	2	39.0	23.1

Group V-4c

Line No.	Protein Comp. Methionine	Oil Composition			Shatter	Disease Reaction				Salt reaction
		Lino- lenic	Lino- leic	Iodine No.		B.P.	Frog- eye	D.M.	P.R.	
Dorman	1.25	6.52	52.4	136.0	3	3	1	1	S	S
Hill	1.37	5.51	46.1	128.6	1	1	1	1	S	S
121	1.50	7.08	48.1	133.2	5	5	1	1	R	-
122	1.58	6.73	51.0	136.3	5	5	1	1	R	S
123	1.33	6.77	47.7	135.4	5	5	1	1	S	-
124	1.30	7.76	49.7	134.5	5	5	-	1	R	S
125	1.20	7.04	47.8	136.0	5	4	-	1	R	S
126	--	7.43	52.0	134.7	5	5	-	1	R	-
127	1.21	5.93	49.9	133.2	5	5	-	1	R	S
128	1.18	6.58	47.9	130.9	4	4	-	1	R	S
129	1.22	6.98	51.5	137.2	5	5	-	1	R	S
130	--	7.88	53.2	139.7	4	5	1	1	S	S
131	1.29	8.83	50.2	136.6	5	5	-	1	S	S
132	--	5.19	48.7	128.0	5	5	-	1	R	-
133	1.28	7.84	51.7	136.9	4	4	-	1	R	S
134	--	7.45	47.6	136.9	2	5	1	1	R	-
135	1.17	7.33	49.4	134.3	4	2	1	1	R	-
136	1.20	8.64	49.4	137.7	5	5	1	1	R	S
137	1.31	7.35	45.8	134.5	5	4	1	1	S	S
138	1.27	8.62	49.4	137.7	5	5	-	1	R	S
139	--	7.39	48.8	136.0	5	3	-	-	S	S
140	1.52	7.86	34.9	122.0	5	3	2	1	R	S
141	1.20	7.98	49.4	135.4	4	4	-	1	R	S
142	1.37	7.47	52.9	137.4	3	5	-	1	R	-
143	1.39	8.02	50.7	136.3	5	5	-	1	S	S
144	1.45	6.98	50.0	135.7	4	3	-	1	R	S
145	1.27	6.21	48.7	133.2	5	4	-	-	S	-
146	1.32	6.60	46.8	130.9	5	5	-	-	R	-
147	1.25	6.54	52.0	136.9	5	4	-	-	S	S
148	1.46	7.49	48.2	134.3	5	5	-	-	R	S
149	1.40	5.49	48.3	132.3	5	4	-	-	R	S
150	1.47	6.56	49.2	134.5	4	5	-	-	S	S
151	1.42	6.63	49.1	134.5	4	4	-	-	S	-
152	1.34	7.06	48.7	132.3	4	5	-	-	R	S
153	1.26	7.53	49.9	132.1	5	4	-	-	S	-
154	1.27	6.34	48.7	132.1	5	4	-	-	S	S
155	1.28	6.83	48.5	134.3	3	5	-	-	S	-
156	1.24	7.41	47.4	137.2	5	5	-	-	S	S
157	1.27	5.68	45.3	130.3	5	5	-	-	R	S
158	--	5.64	44.3	132.9	5	3	-	-	R	-
159	1.20	6.71	47.3	132.9	5	5	-	-	S	S
160	1.30	55.3	44.9	130.3	5	4	-	-	R	-

Group V-5

Line No.	Variety or number	Parentage or variety name	Source
	Dorman Hill		
161	PI 238,929	Karika Takiya	Nat. Hygienic Lab., Div. Medicinal Plants
162	PI 238,932	Torinagane	Tamagawayoga-machi, Setagaya-ku, Tokyo
163	PI 274,422	Mitsumame	Same
164	PI 274,508		Same
165	Arlington		Miyagi Exp. Sta., Sendai, Japan
			Paotingfu, China
166	Austin		Pingyang, Chosen
167	Dixie		Pingyang, Chosen
168	Lexington	Selection from Sherwood	Arlington Exp. Farm, Virginia
169	PI 303,652		Brisbane

- 1/ Appears very similar to S-100.
- 2/ Wavy leaf.
- 3/ Widower pattern of seed coat
- 4/ Saddle pattern.
- 5/ Black concentric markings on brown seed coat.
- 6/ Cyst tolerant in Japan
- 7/ Green cotyledons - maternal type.
- 8/ Reported to be resistant to Sphaceloma glycine in Japan.

Group V-5a

Line No.	Year intro- duced	Flowers		Maturity	Height	Pubescence	
		Color	Date			Color	Type
Dorman		W	7-1	9-9	30	G	N
Hill		W	7-1	9-9	34	T	N
161	1956	W	6-26	9-9	24	T	N
162	1956	W	6-26	9-27	24	T	N
163	1961	P	7-1	10-8	34	T	N
164	1962	P	7-8	9-12	28	T	N
165	1908	P	7-1	9-9	48	G	N
166	1901	W	6-26	8-28	40	G	N
167	1914	P	6-24	9-9	54	G	N
168	1907	W	6-20	8-20	14	G	N
169	1965	P	7-25	9-30	28	G	N

Group V-5b

Line No.	Pod color	Seed				Protein	
		Coat color	Hilum color	Size	Quality	Protein	Oil
Dorman	T	Y	Bf	10.9	2	41.6	22.3
Hill	T	Y	Br	11.4	2	42.3	22.4
161	Br	Y	Br	15.8	2	43.9	18.6
162	Br	Y	Br	13.0	2	40.5	21.0
163	Br	Y	Br	17.2	2	44.0	19.2
164	Br	Y	Br	7.2	2	44.8	18.3
165	Br	Bl	S	8.3	3	36.9	17.1
166	T	Y	Br	14.2	2	40.5	19.8
167	Br	Br	Br	13.0	3	40.0	20.0
168		Y	Br				
169		Bl	Bl	6.5	3		

[illegible]

GERMPLASM, GROUP VI MATURITY

Line No.	Variety or number	Parentage or variety name	Source
	Ogden Lee		
1	Arksoy	PI 37,335	Korea
2	Armredo	Sel. from Mamredo	Arizona Agr. Exp. Sta.
3	Delsoy	PI 85,355	Korea
4	Easy Cook	PI 34,702	China
5	Haberlandt	PI 6396	Korea
6	Hahto	PI 40,118	Japan
7	Hayseed	PI 71,525	Nanking, China
8	Laredo	PI 40,658	Yangdingkiwan, China
9	Lee	S-100 x CNS	U.S.Reg. Soybean Lab., Delta Br. Miss.
10	Mamredo	Mammoth Yel. x Laredo	Delta Agr. Exp. Sta. (Agr. Exp. Sta.)
11	Magnolia	PI 85,537	Korea
12	Ogden	Tokyo x PI 54,610	Tenn. Agr. Exp. Sta.
13	Old Dominion	PI 44,512	Yiksien, China
14	Pine Dell Perfection ^{1/}	Natural cross	Williamsburg, Va.
15	Ralsoy	Sel. from Arksoy	Arkansas Agr. Exp. Sta.
16	Rokusun	PI 80,481	Tokyo, Japan
17	Rose Non-pop	Farmer's sel.	North Carolina
18	FC 03659	Wisconsin Early Green	Wisconsin
19	FC 03981		Tottori, Japan
20	FC 31709		Norfolk, Va.
21	FC 31665		Ashville, North Carolina
22	FC 31700		Richmond, Va.
23	FC 31745	Farmer's sel.	Virginia
24	FC 31933		Richmond, Va.
25	FC 31935		Baltimore, Md.
26	FC 31943		Ashville, North Carolina
27	FC 32175	Farmer's sel.	Illinois
28	PI 36,906		Port Arthur, Manchuria
29	PI 54,610		Chang Chun, Manchuria
30	PI 79,825		Harbin Exp. Sta., Manchuria
31	PI 79,862		Harbin Exp. Sta., Manchuria
32	PI 80,468		Tokyo, Japan
33	PI 80,476		Yokohoma, Japan
34	PI 81,029		Japan
35	PI 81,037		Japan
36	PI 82,312		Korea
37	PI 85,010		Japan
38	PI 85,465		Korea
39	PI 85,476		Korea
40	PI 85,490		Japan

Group VI-1a

Line No.	Year intro- duced	Flowers		Maturity	Height	Pubescence	
		Color	Date			Color	Type
Ogden		P	7-10	10-8	34	G	N
Lee		P	7-12	10-14	38	T	N
1	1914	W	7-10	10-8	36	G	N
2	1942	W	7-22	10-2	36	T	N
3	1930	W	7-17	10-8	38	G	N
4	1894	P	7-8	10-2	34	G	D
5	1901	W	7-1	9-22	36	T	N
6	1915	P	6-24	9-22	24	T	N
7	1927	W	7-17	10-14	60	T	N
8	1914	LP	7-22	10-8	52	T	N
9	1954	P	7-12	10-14	38	T	N
10	1924	W	7-17	10-14	46	T	N
11	1929	P	7-17	10-8	56	G	N
12	1942	P	7-10	10-8	34	G	N
13	1917	P	7-17	10-8	42	G	N
14		P	7-8	10-8	64	G	N
15	1940	W	7-10	10-8	36	G	N
16	1929	P	7-8	10-11	28	G	N
17	1942	W	7-17	10-8	36	T	N
18	1921	W	7-17	10-14	48	G	N
19	1924	W	7-10	10-8	40	T	N
20	1949	W	7-26	10-11	42	G	N
21	1945	P	7-12	10-18	38	G	N
22	1950	P	7-19	10-2	38	T	N
23	1946	P	7-1	9-23	40	G	N
24	1949	W	7-10	10-9	42	T	N
25	1949	W	7-12	10-2	50	T	N
26	1949	P	7-1	10-2	32	T	N
27	1953	W	7-10	10-11	40	G	N
28	1913	W	7-17	10-8	60	T	N
29	1921	W	7-8	9-23	54	G	N
30	1929	W	7-24	10-14	64	G	N
31	1929	P	7-8	9-27	36	T	N
32	1929	W	7-5	10-2	34	G	N
33	1929	P	7-5	10-2	40	G	N
34	1929	P	7-17	10-16	68	T	N
35	1929	W	7-17	10-14	54	G	N
36	1929	P	7-22	10-22	62	G	N
37	1929	P	7-22	10-18	44	T	N
38	1929	P	7-24	10-16	58	G	N
39	1929	P	7-24	10-16	42	G	N
40	1929	P	7-17	10-21	34	G	N

Group VI-1b

Line No.	Pod color	Seed		Size	Quality	Percent	
		Coat color	Hilum color			Protein	Oil
Ogden	Br	Gn	Ib	14.2	2	41.0	21.5
Lee	T	Y	Bl	13.4	2	40.9	22.1
1	T	Y	Br	13.1	2	43.3	19.7
2	T	Y	Bl	8.7	3	41.1	19.7
3	T	Y	Br	12.2	2	42.4	19.3
4	T	Y	Br	13.4	2	39.2	20.9
5	Br	Y	Br	14.0	2	38.6	22.5
6	Br	Gn	Bl	27.8	3	43.1	21.2
7	Br	Y	Br	9.1	3	41.0	20.9
8	Bl	Bl	Bl	4.8	2	40.5	17.7
9	T	Y	Bl	13.4	2	40.9	22.1
10	T	Y	Br	11.6	2	41.5	20.0
11	T	Y	Br	9.2	2	43.6	19.5
12	Br	Gn	Ib	14.2	2	41.0	21.5
13	Bl	Br	Br	6.8	2	45.0	17.1
14	Br	Br(conc)	Bl	11.3	3	42.4	18.9
15	T	Y	Br	12.0	1	42.9	20.5
16	Br	Y	Br	43.2	4	47.6	18.5
17	Br	Y	Br	12.4	2	40.2	21.1
18	Br	Gn	Br	12.2	3	40.8	20.9
19	T	Y	Br	17.8	4	39.2	20.3
20	T	Y	Bf	20.6	2	44.7	18.8
21	T	Y	Br	22.3	3	46.1	19.3
22	Br	Y	Bl	16.4	2	41.0	21.4
23	Br	Gn	Bf	20.9	3	41.3	22.2
24	Br	Y	Br	12.8	2	41.2	21.3
25	Br	Y	Br	13.3	2	41.9	21.4
26	Br	Gn	Br	19.2	2	42.3	20.4
27	T	Y	Br	12.7	3	41.0	21.3
28	T	Y	Bl	13.3	3	41.8	18.9
29	Br	Y	Br	14.4	3	44.5	19.5
30	Br	Y	Br	16.3	3	46.1	19.1
31	Br	Y	Bf	11.4	2	43.2	19.4
32	T	Y	Bf	10.9	2	42.7	20.7
33	Br	Y	Br	11.2	2	42.4	20.4
34	Br	Y	Bl	16.4	3	40.8	20.0
35	Br	Y	Br	16.0	3	45.5	18.2
36	Br	Y	Bf	17.6	3	40.4	20.7
37	Br	Y	Bl	12.0	3	42.5	20.8
38	T	Y	Br	10.2	3	43.4	17.0
39	T	Y	Br	14.0	3	43.3	17.1
40	Br	Y	Br	16.3	2	43.9	21.1

Group VI-1c

Line No.	Protein Comp. Methionine	Oil Composition			Shatter	Disease reaction				Salt reaction
		Lino- lenic	Lino- leic	Iodine No.		B.P.	Frog- eye	D.M.	P.R.	
Ogden	1.23	7.02	47.5	137.2	4	3	3	2	S	S
Lee	1.26	6.65	51.1	134.5	1	1	1	2	S	T
1	1.35	6.54	51.8	135.4	1	5	1	2	R	S
2	1.36	7.65	50.1	135.4	1	4	1	1+	R	S
3	1.24	8.44	51.4	135.7	3	5	1	1	S	S
4	1.38	8.00	52.7	138.3	4	4	-	1	R	S
5	1.31	7.20	52.6	137.4	5	5	1	1+	S	S
6	-	7.08	52.4	137.4	5	5	-	1+	S	S
7	1.40	6.07	50.5	131.5	1	3	-	1+	R	S
8	-	9.42	52.0	141.4	1	4	4	1	S	S
9	1.26	6.65	51.1	134.5	1	1	1	2	S	T
10	1.25	6.81	50.5	133.2	4	4	1	1+	R	S
11	1.17	6.91	45.6	135.1	4	3	-	1+	R	S
12	1.23	7.02	47.5	137.2	4	3	2	2	S	S
13	-	9.84	48.6	140.5	3	3	-	1	R	S
14	-	7.37	46.4	136.9	4	4	-	-	R	T
15	1.24	6.42	48.9	134.7	1	5	2	1	R	S
16	1.40	6.58	44.7	131.7	5	5	-	-	S	S
17	1.33	6.01	49.2	134.7	1	4	3	1	S	T
18	1.42	6.95	47.2	135.1	5	4	4	1	R	S
19	1.55	6.69	50.1	132.6	5	5	-	1	S	S
20	1.40	6.48	46.8	130.6	5	4	-	1	S	S
21	1.22	6.17	51.1	132.3	4	5	-	3	S	S
22	1.40	6.23	46.1	129.6	5	4	2	1	S	S
23	1.34	6.79	49.0	134.3	5	4	-	1	R	S
24	1.36	6.77	48.9	130.6	3	5	-	1	R	T
25	1.45	6.58	46.9	133.7	5	4	-	-	S	S
26	1.37	6.63	49.1	133.4	5	5	-	1	R	T
27	1.42	6.87	47.0	133.7	1	5	-	1	R	S
28	1.27	8.11	45.1	130.9	5	4	3	1	R	S
29	1.43	6.42	42.0	128.6	4	4	1	1	S	S
30	1.43	7.39	50.4	133.7	2	4	2	1	R	S
31	1.46	7.35	52.0	134.3	5	5	-	1	R	S
32	1.50	6.87	53.2	136.9	3	5	-	-	R	S
33	1.55	6.46	48.8	128.6	5	4	-	-	S	S
34	1.60	7.22	50.0	133.4	3	4	-	1+	S	S
35	1.31	7.45	49.2	133.2	4	5	-	1+	S	T
36	1.58	6.77	49.7	130.6	2	4	-	1+	R	S
37	1.59	7.35	52.2	135.7	4	4	-	1	S	S
38	1.52	7.98	49.8	133.7	2	4	-	1	R	S
39	1.55	7.41	52.2	134.3	3	4	-	3	S	S
40	1.41	6.89	50.9	132.9	2	5	-	1	R	S

Group VI-2

Line No.	Variety or number	Parentage or variety name	Source
	Ogden Lee		
41	PI 86,091 ^{2/}		Japan
42	PI 86,109		Japan
43	PI 86,490		Japan
44	PI 86,904		Korea
45	PI 87,002		Korea
46	PI 87,968		Not a soybean number
47	PI 88,461		Manchuria
48	PI 88,816-S		Korea
49	PI 89,775		Korea
50	PI 90,406		China
51	PI 90,495		China
52	PI 90,499		China
53	PI 90,577		Dairen, Manchuria
54	PI 90,768		China
55	PI 92,567		Manchuria
56	PI 92,601		Manchuria
57	PI 92,707-S		Manchuria
58	PI 94,159		Japan
59	PI 95,860		Korea
60	PI 95,969		Korea
61	PI 96,035		Korea
62	PI 96,257		Korea
63	PI 96,354		Korea
64	PI 97,150		Korea
65	PI 97,161		Korea
66	PI 148,260		Hawaii
67	PI 157,469	Ryuc-u No. 3	Central Exp. Sta., Suwan, Korea
68	PI 157,475	Sedka	Central Exp. Sta., Suwan, Korea
69	PI 157,476	Sun-chaen	Central Exp. Sta., Suwan, Korea
70	PI 157,487		Central Exp. Sta., Suwan, Korea
71	PI 157,488		Central Exp. Sta., Suwan, Korea
72	PI 159,321		Central Exp. Sta., Suwan, Korea
73	PI 159,322		Central Exp. Sta., Suwan, Korea
74	PI 159,923		Central Exp. Sta., Suwan, Korea
75	PI 165,672		China
76	PI 165,673		China
77	PI 166,147 ^{3/}		India
78	PI 170,886		South Africa
79	PI 170,887		South Africa
80	PI 170,888		South Africa

Group VI-2a

Line No.	Year intro- duced	Flowers		Maturity	Height	Pubescence	
		Color	Date			Color	Type
Ogden		P	7-10	10-8	34	G	N
Lee		P	7-12	10-14	38	T	N
41	1930	W	6-24	9-23	44	T	N
42	1930	P	7-5	10-2	50	T	N
43	1930	P	8-1	10-14	40	G	N
44	1930	W	7-17	10-14	62	T	N
45	1930	W	7-24	10-8	32	T	N
46		P	7-22	10-14	30	G	N
47	1930	P	7-10	10-8	48	G	N
48	1930	W	7-24	10-18	38	G	N
49	1930	P	7-22	10-8	48	T	N
50	1930	W	7-17	9-27	48	G	N
51	1930	P	7-5	10-2	42	G	N
52	1930	P	7-8	10-8	26	G	N
53	1930	P	7-17	10-8	68	T	N
54	1930	W	7-17	10-18	42	G	N
55	1931	P	7-17	10-2	52	G	N
56	1931	P	7-17	10-16	34	G	N
57	1931	W	7-17	10-2	50	G	N
58	1931	W	7-5	10-14	44	LT	N
59	1932	W	7-24	10-20	36	T	N
60	1932	P	7-22	10-14	38	G	N
61	1932	W	7-17	10-8	38	G	N
62	1932	P	7-17	10-8	38	T	N
63	1932	W	7-8	10-8	60	G	N
64	1932	W	7-17	10-8	76	T	N
65	1932	P	7-17	10-2	38	G	N
66	1944	P	7-17	9-23	42	G	N
67	1947	P	7-1	10-8	26	G	N
68	1947	P	7-10	10-10	36	T	N
69	1947	P	7-17	10-8	68	G	N
70	1947	W	7-12	10-18	72	G	N
71	1947	W	7-29	10-11	40	G	N
72	1947	W	7-8	10-8	62	G	N
73	1947	W	7-10	10-8	60	G	N
74	1947	P	7-5	9-23	36	G	N
75	1948	P	7-29	10-16	42	T	N
76	1948	P	8-1	10-14	64	G	N
77	1948	W	7-17	10-2	52	G	N
78	1948	W	7-17	10-8	56	G	N
79	1948	W	7-10	10-8	54	G	N
80	1948	W	7-22	10-16	51	G	N

Group VI-2b

Line No.	Pod color	Seed				Percent	
		Coat color	Hilum color	Size	Quality	Protein	Oil
Ogden	Br	Gn	Ib	14.2	2	41.0	21.5
Lee	T	Y	Bl	13.4	2	40.9	22.1
41	Br	Y	Br	14.4	3	40.4	21.8
42	Br	Y	Br	11.1	2	45.8	14.9
43	Bl	Y	Br	4.5	2	43.3	16.8
44	Br	Y	Bl	11.1	3	41.0	19.4
45	Br	Y	Bl	17.4	3	42.8	20.8
46	T	Y	Br	8.4	2	43.3	18.6
47	Br	Y	Bf	18.8	3	44.0	17.7
48	T	Y	Bf	14.1	3	42.8	20.4
49	Br	Y	Br	13.3	3	43.1	19.7
50	Br	Y	Br	16.4	4	41.9	21.0
51	Br	Y	Bl	11.7	2	43.0	20.0
52	Br	Y	Bf	19.9	4	44.0	19.9
53	Br	Y	Br	10.9	3	41.5	20.3
54	Br	Gn	Br	15.2	2	40.2	20.6
55	Br	Y	Bf	13.9	3	43.6	21.6
56	Br	Y	Bf	11.6	2	39.6	20.1
57	Br	Y	Bf	12.6	3	41.1	20.1
58	Br	Gn	Br	11.4	2	43.1	19.6
59	Br	Y	Bf	16.4	3	40.7	21.6
60	Br	Gn	Br	19.6	3	37.7	22.0
61	T	Y	Bf	12.6	2	44.2	18.1
62	Br	Gn	Br	13.9	2	41.5	20.9
63	Br	Y	Bf	11.0	3	43.9	19.3
64	Br	Y	Br	14.4	3	42.2	18.8
65	T	Y	Bf	16.8	3	44.3	21.2
66	Br	Y	Br	12.9	3	43.4	18.1
67	Br	Y	Y	21.8	3	40.4	22.9
68	Bl	Gn	Br	8.1	3	40.3	19.1
69	Br	Gn	Br	19.8	4	42.7	19.1
70	Br	Y	Br	14.6	3	44.2	20.8
71	T	Y	Bf	18.9	3	43.4	19.8
72	Br	Y	Y	17.1	3	42.6	20.6
73	Br	Y	Bf	15.2	3	43.0	19.9
74	Br	Y	Y	17.7	2	40.8	21.9
75	Br	Gn	Br	25.4	3	45.0	19.4
76	Br	Y	Br	13.8	3	44.1	17.8
77	Br	Y	Bf	14.6	3	43.3	19.4
78	Br	Y	Bf	14.6	3	41.8	20.4
79	Br	Y	Y	14.6	3	42.6	21.1
80	Br	Y	Bf	14.4	3	42.5	21.5

Group VI-2c

Line No.	Protein Comp. Methionine	Oil composition			Shatter	Disease reaction				Salt reaction
		Lino- lenic	Lino- leic	Iodine No.		B.P.	Frog- eye	D.M.	P.R.	
Ogden	1.23	7.02	47.5	137.2	4	3	2	2	S	S
Lee	1.26	6.65	51.1	134.5	1	1	1	2	S	T
41	1.48	6.36	42.7	126.0	3	5	-	2	S	S
42	1.27	8.27	50.6	135.4	5	4	-	1	R	S
43	1.55	9.14	51.7	138.0	5	4	-	1+	S	S
44	1.47	8.60	49.4	137.4	2	4	-	1	R	S
45	1.37	7.01	50.2	137.2	5	5	-	1	S	S
46	1.53	7.51	49.9	138.3	4	5	-	1	R	S
47	1.38	6.71	52.1	129.4	3	5	-	1	S	S
48	1.59	6.89	48.1	134.5	3	4	-	1+	R	S
49	1.47	6.71	48.6	135.1	1	5	-	2	S	S
50	1.52	4.86	39.6	124.3	3	5	-	1+	S	S
51	1.41	6.23	48.8	131.5	3	5	-	1	S	T
52	1.47	7.49	48.5	135.1	4	5	-	1+	S	S
53	1.46	6.95	48.8	132.1	2	5	-	1+	S	S
54	1.35	7.53	49.9	138.3	2	5	-	1+	S	T
55	1.38	5.00	42.0	124.6	5	5	-	1+	R	S
56	1.46	8.13	49.2	140.5	5	5	-	1	S	S
57	1.37	7.33	44.3	132.3	2	5	-	1+	S	T
58	1.22	7.20	50.9	141.4	4	5	-	1+	R	T
59	1.37	7.04	45.6	133.4	4	5	-	1	R	T
60	1.59	7.53	49.6	135.7	2	5	-	1+	R	T
61	1.48	7.57	48.1	135.7	3	5	-	1+	R	S
62	1.34	7.24	49.7	138.0	2	4	-	1	R	S
63	1.45	6.32	43.5	126.6	2	4	-	1	S	T
64	1.37	7.43	48.6	132.6	5	4	-	-	S	S
65	1.38	6.13	49.5	132.6	5	4	-	1+	R	S
66	1.28	7.74	47.3	130.9	2	5	-	1+	S	S
67	1.38	6.44	46.9	130.6	4	4	-	1	R	S
68	--	8.60	51.4	136.3	5	5	-	1+	S	S
69	--	7.53	48.6	133.7	5	5	-	1+	S	S
70	1.24	7.06	50.1	133.2	2	4	-	1	R	S
71	1.28	6.54	47.7	130.0	2	5	-	1	S	T
72	1.44	7.08	50.9	136.6	2	5	-	1	S	S
73	1.41	7.08	49.8	136.6	2	4	-	1	S	S
74	--	6.67	46.8	129.6	4	4	1	1	S	S
75	1.40	7.49	47.4	132.3	3	5	-	-	S	S
76	1.34	7.14	49.7	135.4	3	5	-	1	S	S
77	1.19	6.85	48.7	133.4	3	5	-	1+	S	S
78	--	7.39	51.5	136.6	3	4	5	1+	S	S
79	1.41	6.98	51.4	136.0	3	4	5	4	S	S
80	1.35	7.04	48.1	133.4	2	4	5	5	S	S

Group VI-3

Line No.	Variety or number	Parentage or variety name	Source
	Ogden Lee		
81	PI 170,889		South Africa
82	PI 170,890		South Africa
83	PI 170,891		South Africa
84	PI 170,892		South Africa
85	PI 171,436		A. K. Smith, China
86	PI 171,437		A. K. Smith, China
87	PI 171,439 ^{4/}		A. K. Smith, China
88	PI 171,440		A. K. Smith, China
89	PI 171,441 ^{1/}		A. K. Smith, China
90	PI 171,443 ^{1/}		A. K. Smith, China
91	PI 171,444		A. K. Smith, China
92	PI 174,862		India
93	PI 174,863		India
94	PI 175,174		India
95	PI 175,187		India
96	PI 175,189		India
97	PI 175,192		India
98	PI 175,193		India
99	PI 175,194		India
100	PI 175,195		India
101	PI 175,196		India
102	PI 175,198		India
103	PI 175,199		India
104	PI 181,556		Japan, Agr. Div. SCAP
105	PI 181,559		Japan, Agr. Div. SCAP
106	PI 181,561		Japan, Agr. Div. SCAP
107	PI 187,156		Japan, Agr. Div. SCAP
108	PI 200,446	Akasaya	Chiougoku-Shikoku Exp. Sta., Japan
109	PI 200,449	Akidaizu	Chiougoku-Shikoku Exp. Sta., Japan
110	PI 200,461	Chakotsuba	Chiougoku-Shikoku Exp. Sta., Japan
111	PI 200,483	Karihane No. 1	Chiougoku-Shikoku Exp. Sta., Japan
112	PI 200,497	Mammoth Brown	Chiougoku-Shikoku Exp. Sta., Japan
113	PI 200,502	Misao	Chiougoku-Shikoku Exp. Sta., Japan
114	PI 200,505	Nagahashi	Chiougoku-Shikoku Exp. Sta., Japan
115	PI 200,553	Zairaikuro	Chiougoku-Shikoku Exp. Sta., Japan
116	PI 201,421		China
117	PI 201,422		China
118	PI 201,428		South Africa
119	PI 201,431		South Africa
120	PI 205,384		Karachi, Pakistan

Group VI-3a

Line No.	Year intro- duced	Flowers		Maturity	Height	Pubescence	
		Color	Date			Color	Type
Ogden		P	7-10	10-8	34	G	N
Lee		P	7-12	10-14	38	T	N
81	1948	P	7-22	10-20	40	G	N
82	1948	W	7-22	10-18	62	G	N
83	1948	W	7-17	10-8	50	G	N
84	1948	P	7-22	10-14	36	G	N
85	1948	P	8-14	10-20	38	G	N
86	1948	P	7-22	10-8	40	T	N
87	1948	P	7-22	10-11	38	T	N
88	1948	P	7-24	10-8	42	G	N
89	1948	P	7-26	10-8	40	G	N
90	1948	W	7-22	10-8	58	T	N
91	1948	W	7-10	10-8	40	G	N
92	1949	P	7-17	10-14	Proc*	T	N
93	1949	P	7-1	10-8	Proc	T	N
94	1949	P	8-1	10-8	Proc	T	N
95	1949	P	7-17	10-14	Proc	T	N
96	1949	P	7-17	10-8	Proc	T	N
97	1949	P	7-8	10-8	Proc	T	N
98	1949	P	7-5	10-8	Proc	T	N
99	1949	P	7-1	10-8	Proc	T	N
100	1949	P	7-5	10-8	Proc	T	N
101	1949	P	7-17	10-14	Proc	T	N
102	1949	P	7-5	10-8	Proc	T	N
103	1949	P	7-5	10-8	Proc	T	N
104	1949	W	7-8	10-8	38	T	N
105	1949	W	7-10	10-2	36	T	N
106	1949	P	7-8	10-8	36	G	N
107	1949	W	7-12	10-8	38	G	N
108	1952	W	7-15	10-2	32	T	N
109	1952	P	7-29	10-22	32	T	N
110	1952	P	7-12	10-8	36	T	N
111	1952	P	7-17	10-2	38	T	N
112	1952	P	7-24	10-16	36	T	N
113	1952	P	7-22	10-18	36	T	N
114	1952	P	7-11	10-8	38	G	N
115	1952	W	7-22	10-18	34	T	N
116	1952	W	7-10	10-8	40	G	N
117	1952	W	7-12	10-8	48	G	N
118	1952	W	7-10	10-8	52	G	N
119	1952	W	7-10	10-8	56	G	N
120	1953	P	7-5	10-11	32	T	N

Group VI-3b

Line No.	Pod color	Seed				Percent	
		Coat color	Hilum color	Size	Quality	Protein	Oil
Ogden	Br	Gn	IB	14.2	2	41.0	21.5
Lee	T	Y	Bl	13.4	2	40.9	22.1
81	Br	Y	Br	13.6	3	41.5	20.5
82	Br	Y	Br	15.4	3	42.1	21.1
83	Br	Y	Bf	15.3	3	43.1	19.3
84	Br	Y	Br	14.7	3	42.6	20.9
85	Br	Y	Br	7.1	2	41.9	19.3
86	Bl	Y	Bl	4.6	2	44.5	16.0
87	Br	Gn	Br	17.5	3	43.7	18.8
88	Br	Gn	Br	19.7	3	45.5	20.4
89	Bl	Br	Br	4.2	3	41.2	19.4
90	Br	Br/Bl conc	Bl	15.1	2	41.0	21.2
91	Br	Y	Bf	6.6	2	45.3	15.9
92	Br	Bl	Bl	6.4	3	44.2	16.8
93	Br	Br	Br	5.3	3	42.5	16.9
94	Br	Y	Br	5.3	3	39.4	17.8
95	Br	Br	Br	6.2	3	44.9	15.6
96	Br	Br	Br	4.5	3	42.3	14.0
97	Br	Br	Br	5.4	3	--	--
98	Br	Br	Br	4.9	3	42.1	15.0
99	Br	Br	Br	4.9	3	--	--
100	Br	Br	Br	5.5	3	41.7	15.6
101	Br	Br	Br	4.4	3	39.4	16.3
102	Br	Br	Br	5.0	3	40.1	16.7
103	Br	Br	Br	4.8	2	42.1	15.4
104	Br	Y	Br	12.8	3	40.3	19.8
105	Br	Y	Br	10.2	2	39.3	20.6
106	Br	Y	Bf	28.5	2	42.3	19.3
107	Br	Y	Bf	13.2	2	40.8	19.6
108	Br	Y	Br	12.0	2	39.5	20.6
109	Br	Y	Br	12.9	2	42.3	21.6
110	Bl	Br	Br	7.2	2	45.3	15.0
111	Br	Gn	Bl	8.7	2	42.9	18.5
112	Br	Br	Br	4.2	3	40.0	20.4
113	T	Y	Br	12.6	2	42.9	20.8
114	Br	Y	Bf	12.0	2	41.0	20.5
115	Br	Bl	Bl	13.8	3	42.6	19.6
116	T	Y	Br	12.4	2	43.0	20.7
117	Br	Y	Bf	12.4	3	41.1	20.0
118	Br	Y	Y	13.7	3	42.3	20.2
119	Br	Y	Bf	13.1	3	42.9	20.0
120	T	Y	Bf	15.0	3	41.7	20.6

Group VI-3c

Line No.	Protein Comp. Methionine	Oil composition			Shatter	Disease reaction				Salt reaction
		Lino- lenic	Lino- leic	Iodine No.		B.P.	Frog- eye	D.M.	P.R.	
Ogden	1.23	7.02	47.5	137.2	4	3	2	2	S	S
Lee	1.26	6.65	51.1	134.5	1	1	1	2	S	T
81	1.49	7.04	50.4	133.6	2	4	5	5	S	S
82	1.26	6.98	49.3	135.4	2	4	5	5	S	S
83	1.39	7.14	49.0	134.5	2	4	3	1+	S	S
84	1.42	7.20	46.6	135.7	2	5	3	1+	S	S
85	1.52	8.46	49.7	138.6	3	4	-	1+	S	S
86	1.42	8.99	51.2	139.9	5	4	-	1	R	T
87	--	8.27	47.9	132.3	5	4	-	1+	R	T
88	--	7.30	49.0	134.5	5	4	-	2	S	T
89	--	11.40	51.1	143.9	4	4	3	1	S	T
90	--	7.02	46.5	134.3	3	5		1	S	S
91	--	8.87	52.5	140.2	5	5		1	S	T
92	--	7.90	49.9	138.8	3	4		1	R	S
93	--	8.34	50.4	142.0	3	4		1	R	S
94	--	7.88	48.3	136.9	4	4		1	R	S
95	--	8.44	50.2	141.1	3	4		1	S	S
96	--	8.46	47.8	139.9	4	4		1	S	T
97	--	--	--	--	4	4		1	S	S
98	--	8.31	48.1	137.7	4	4		1	S	T
99	--	--	--	--	4	4		1	R	T
100	--	7.90	49.1	140.2	5	4		1	S	T
101	--	8.02	47.4	138.0	4	5		1	S	T
102	--	8.33	47.6	140.2	4	4		1+	S	T
103	--	7.82	45.7	139.7	4	4		1	S	T
104	--	7.70	45.7	135.1	5	5		1	R	S
105	1.46	7.39	46.9	134.7	5	4		1	R	T
106	1.25	6.69	48.2	134.5	5	5		1	S	S
107	1.56	6.65	49.6	129.2	5	4		1+	R	S
108	1.42	7.84	48.0	134.5	2	5		1	R	T
109	1.56	6.71	48.2	131.5	5	4		1+	R	T
110	1.46	8.74	50.2	140.2	5	5		1	R	S
111	1.40	8.11	50.0	135.4	5	5		2	R	S
112	--	6.50	49.8	133.4	4	4		1	S	S
113	1.40	5.78	47.1	132.6	5	5		1	R	S
114	1.42	7.47	48.1	137.4	5	5		3	R	S
115	--	6.42	50.1	134.3	5	4		1	R	S
116	1.42	5.84	50.8	132.6	2	5		1	R	S
117	1.33	6.63	49.1	135.4	2	4		1	S	S
118	1.44	7.10	51.2	135.7	2	5		1	S	S
119	1.54	6.89	50.3	137.2	2	5		1	S	S
120	1.53	6.71	47.5	133.4	5	5		-	S	-

Group VI-4

Line No.	Variety or number	Parentage or variety name	Source
	Ogden Lee		
121	PI 208,432		Katmandu Valley, 4500', Am. Emb. New Delhi, India
122	PI 209,908		South Africa
123	PI 212,604		Jalabad, Afghanistan
124	PI 212,605		Jalabad, Afghanistan
125	PI 212,606		Jalabad, Afghanistan
126	PI 212,716		Jalabad, Afghanistan
127	PI 215,693		India via Israel, India
128	PI 215,811		India via Israel, India
129	PI 219,656		Indonesia
130	PI 219,698	Kulath	Pakistan
131	PI 219,732	Kushi	Pakistan
132	PI 221,713	Blyvoor	South Africa
133	PI 221,714	Sel. 48S103	South Africa
134	PI 221,717	Sel. 51S54	South Africa
135	PI 221,972	Chakotsuba	Japan
136	PI 222,397		Pakistan
137	PI 227,214	Oku-name	Hagoka, Japan
138	PI 229,320	Ginjiro	Min. of Agr. & Forestry, Tokyo
139	PI 230,974		Agr. Attache, Am. Emb., Tokyo
140	PI 230,976		Agr. Attache, Am. Emb., Tokyo
141	PI 230,978		Agr. Attache, Am. Emb., Tokyo
142	PI 230,979		Agr. Attache, Am. Emb., Tokyo
143	PI 253,662		Argentina
144	PI 253,664		Argentina
145	PI 283,327		Australia
146	PI 284,815		Australia
147	PI 303,653		Brisbane
148	PI 304,217		Nagano Prefecture Japan, Higashima

1/ Black concentric markings on brown seed coat.

2/ Wavy leaf.

3/ Resistant to bacterial blight with natural infection in North Carolina and Miss.

4/ Green cotyledons.

* Procumbent

Group VI-4a

Line No.	Year intro- duced	Flowers		Maturity	Height	Pubescence	
		Color	Date			Color	Type
Ogden		P	7-10	10-8	34	G	N
Lee		P	7-12	10-14	38	T	N
121	1953	W	7-17	10-2	36	T	N
122	1953	W	7-17	10-8	42	G	N
123	1954	P	7-22	9-27	Proc	T	N
124	1954	P	7-22	9-27	Proc	T	N
125	1954	P	7-17	9-27	Proc	T	N
126	1954	P	7-17	10-14	44	T	N
127	1954	P	8-6	10-18	40	T	N
128	1954	P	7-22	10-2	Proc	T	N
129	1954				52	T	N
130	1954	P	7-29	10-16	Proc	T	N
131	1954	P	7-22	10-8	Proc	T	N
132	1954	W	7-10	10-8	50	G	N
133	1954	P	7-29	10-18	34	G	N
134	1954	W	7-22	10-14	38	G	N
135	1954	P	7-8	10-2	36	T	N
136	1954	P	7-22	10-18	Proc	T	N
137	1956	P	7-22	10-18	32	T	N
138	1956	P	7-5	10-11	34	G	N
139	1956	P	7-22	10-20	24	T	N
140	1956	P	7-11	10-14	40	T	N
141	1956	P	7-8	10-8	46	T	N
142	1956	W	7-24	10-16	36	T	N
143	1959	P	8-1	10-8	48	T	N
144	1959	W	7-5	9-27	46	G	N
145	1963	P	7-8	10-4	20	T	N
146	1963	P	8-14	10-6	42	T	N
147	1965	W	7-25	10-7	30	T	N
148	1965	P	7-19	10-3	26	G	N

Group VI-4b

Line No.	Pod color	Seed			Quality	Percent	
		Coat color	Hilum color	Size		Protein	Oil
Ogden	Br	Gn	Ib	14.2	2	41.0	21.5
Lee	T	Y	Bl	13.4	2	40.9	22.1
121	Br	Br	Br	13.7	2	42.6	19.2
122	Br	Y	Br	14.4	2	43.6	18.2
123	Br	Gn	Br	5.3	3	46.0	19.3
124	Br	Bl	Bl	3.8	4	43.6	12.6
125	Br	Gn	Br	6.5	4	45.9	14.1
126	Br	Y	Bl	15.4	3	37.7	22.4
127	Br	Y	Br	14.2	2	44.4	19.3
128	Br	Bl	Bl	4.2	3	41.5	14.4
129	Br	Bl	Bl	10.6	2	43.3	18.5
130	Br	Y	Bl	6.4	3	39.5	18.8
131	Bl	Bl	Bl	5.3	3	44.1	16.9
132	Br	Y	Bf	14.3	3	42.0	19.8
133	T	Y	Br	20.9	2	42.6	21.8
134	Br	Y	Br	13.6	2	40.6	20.6
135	Br	Br	Br	6.8	2	45.6	14.9
136	Bl	Br	Br	6.1	3	38.7	22.2
137	Br	Y	Bf	26.26	3	41.9	20.2
138	Br	Y	Br	19.0	2	39.9	18.0
139	Br	Bl	Bl	8.2	2	38.6	20.6
140	Br	Gn	Br	16.6	2	43.4	19.8
141	Bl	Y	Br	19.6	2	40.5	20.3
142	Br	Y	Br	17.3	3	44.4	17.9
143	Br	Gn	Br	15.6	2	43.0	20.7
144	Br	Y	Bf	9.6	2	44.0	19.5
145	Br	Y	Br	8.4	3	41.0	18.3
146	Br	Y	Br	7.1	2	39.3	18.1
147		Br	Br	12.0	3	--	--
148		Y	Y	15.0	3	--	--

[illegible]

GERMPLASM, GROUP VII MATURITY

Line No.	Variety or number	Parentage or variety name	Source
	Jackson Roanoke		
1	Charlee	PI 71,663	Nanking, China
2	Clemson	PI 71,569	Nanking, China
3	CNS ^{1/}	Rogue in Clemson	Nanking, China
4	Creole	PI 71,614	Nanking, China
5	Dortchsoy 31	Rogue in Ogden	Dortch Seed Co.
6	Gatan	Sel. from Ootootan	Georgia Agr. Exp. Sta.
7	Georgian	PI 71,538	Nanking, China
8	Jackson	Volstate(2) x Palmetto	U.S. Regional Soybean Laboratory
9	Mammoth Yellow	Unknown	Unknown
10	Missoy	PI 71,664	Nanking, China
11	Monetta	PI 71,608	Nanking, China
12	Palmetto	PI 71,587	Nanking, China
13	Pocahontas		Virginia
14	Pluto	PI 72219	China
15	Roanoke	Rogue in Nanking	North Carolina Agr. Exp. Sta.
16	Tanner	Rogue in Ootootan	
17	Tarheel Black	PI 14,952	Shanghi, China
18	Tenn. Non-pop	Tokyo x PI 54,610	Tennessee Agr. Exp. Sta.
19	Tokyo	PI 8424 - Ita Mame	Yokohoma, Japan
20	Volstate	Tokyo x PI 54,610	Tennessee Agr. Exp. Sta.
21	Woods Yellow	Rogue in Mammoth Yellow	T. W. Woods, Richmond, Va.
22	FC 30267		Montgomery, Ala.
23	FC 30282	L.P. Cook & Son	Memphis, Tenn.
24	FC 30967	Dr. H. A. Peters	San Francisco, California
25	FC 31416		Watkinsville, Georgia
26	FC 31622		Richmond, Virginia
27	FC 31649		Richmond, Virginia
28	FC 31676		San Diego, California
29	FC 31677		College Park, Maryland
30	FC 31689		Saltville, Virginia
31	FC 31707 ^{2/}		Norfolk, Va.
32	FC 31732	Bureau Agr. Ec.	Washington, D.C.
33	FC 31737		State College, Miss.
34	FC 31744		Richmond, Va.
35	FC 31750		Smithfield, Va.
36	FC 31921		Baltimore, Maryland
37	FC 31927		Richmond, Va.
38	FC 33123	Farmer sel. from Woods Yellow	North Carolina
39	PI 71,558		Nanking, China
40	PI 71,564		Nanking, China

Group VII-1a

Line No.	Year intro-duced	Flowers		Maturity	Height	Pubescence	
		Color	Date			Color	Type
Jackson		W	7-23	10-23	52	G	N
Roanoke		W	7-23	10-21	48	G	N
1	1927	P	8-25	10-29	52	T	N
2	1927	P	7-28	10-21	56	T	N
3	1927	P	8-10	10-23	32	T	N
4	1927	P	8-7	10-23	64	T	N
5	1949	P	7-28	10-21	36	G	N
6	1943	P	8-18	10-29	54	LT	N
7	1927	P	8-7	10-21	56	T	N
8	1953	W	7-23	10-23	52	G	N
9		W	8-4	10-21	44	G	N
10	1927	P	8-21	10-23	50	T	N
11	1927	P	8-7	10-13	44	T	N
12	1927	P	8-4	10-17	60	T	N
13		P	8-13	11-5	48	T	N
14	1927	W	7-28	10-6	50	T	N
15	1946	W	7-23	10-21	48	G	N
16		LP	8-10	10-21	68	LT	N
17	1905	P	7-30	10-21	42	T	N
18	1942	W	7-30	10-23	64	G	N
19	1901	P	7-28	10-21	42	G	N
20	1942	W	7-23	10-21	50	G	N
21	1934	W	8-7	10-23	44	G	N
22	1938	P	7-23	10-21	44	G	N
23	1938	P	8-18	10-26	40	G	D
24	1940	W	7-28	10-25	38	G	D
25	1943	P	8-10	10-21	70	T	N
26	1944	W	8-4	10-21	42	G	N
27	1944	W	8-4	10-21	40	G	N
28	1945	W	7-30	10-21	38	G	N
29	1945	P	7-16	10-13	32	T	N
30	1946	W	7-28	10-25	44	T	D
31	1947	P	7-23	10-11	38	G	N
32	1947	P	8-4	10-25	60	T	N
33	1948	W	8-7	10-21	44	G	N
34	1948	P	7-28	10-21	40	G	N
35	1948	P	8-7	10-21	42	G	N
36	1948	P	7-28	10-17	72	G	N
37	1948	P	8-10	10-25	58	G	N
38	1950	W	8-10	10-26	44	G	N
39	1927	P	8-25	10-29	62	T	N
40	1927	P	8-18	10-30	50	T	N

Group VII-1b

Line No.	Pod color	Seed				Percent	
		Coat color	Hilum color	size	Quality	Protein	Oil
Jackson	Br	Y	Bf	13.6	2	36.8	21.8
Roanoke	Br	Y	Bf	14.4	2	37.5	21.5
1	Br	Y	Bl	7.6	2	36.9	16.7
2	Br	Y	Bl	12.4	2	38.8	19.0
3	T	Y	Br	11.9	2	36.9	17.4
4	Br	Y	Bl	11.3	2	39.8	18.0
5	Br	Gn	Br	13.9	2	39.5	19.7
6	T	Br	Br	9.3	2	36.9	16.7
7	Br	Y	Bl	11.7	2	40.0	18.4
8	Br	Y	Bf	13.6	2	36.8	21.8
9	T	Y	Bf	20.3	2	37.6	21.0
10	Br	Y	Bl	11.1	2	38.5	20.0
11	Br	Y	Bl	12.4	2	39.8	17.4
12	Br	Y	Bl	11.0	2	40.1	18.2
13	Br	Y	Br	15.1	2	39.1	18.0
14	T	Bl	Bl	16.4	2	39.5	19.9
15	Br	Y	Bf	14.4	2	37.5	21.5
16	T	Br	Br	9.4	2	38.3	17.8
17	Br	Bl	Br	23.5	2	40.5	19.7
18	Br	Y	Bf	19.0	2	38.5	20.8
19	Br	Gn	Gr	17.7	2	40.3	19.2
20	Br	Y	Bf	15.6	2	37.8	22.6
21	T	Y	Bf	17.7	2	40.0	19.1
22	Br	Gn	Bf	18.6	2	40.6	19.1
23	T	Y	Bf	18.1	2	37.6	19.0
24	T	Y	Bf	13.7	2	39.0	19.8
25	Br	Y	Bl	11.4	2	37.9	18.0
26	T	Y	Bf	17.2	2	38.1	20.2
27	T	Y	Bf	16.8	2	37.5	19.9
28	T	Y	Bf	13.9	2	37.9	19.5
29	T	Br	Br	19.0	2	39.0	19.2
30	Br	Y	Br	21.2	2	38.2	20.8
31	Br	Gn	Bf	13.3	2	41.9	16.5
32	Br	Br	Br	17.6	2	39.8	20.1
33	T	Y	Bf	11.9	2	40.5	19.0
34	Br	Y	Bf	11.2	2	40.0	21.3
35	T	Y	Bf	16.8	2	39.9	17.9
36	Br	Y	Br	12.7	2	37.6	19.6
37	Br	Y	Bf	8.5	2	37.9	19.8
38	Br	Y	Br	14.4	2	37.5	20.3
39	Br	Y	Br	13.2	2	39.1	18.5
40	Br	Y	Br	11.2	2	40.0	17.3

Group VII-1c

Line No.	Protein Comp. Methionine	Oil Composition			Shatter	Disease Reaction				Salt reaction
		Lino- lenic	Lino- leic	Iodine No.		B.P.	Frog- eye	D.M.	P.R.	
Jackson	1.5	6.95	53.3	135.1	2	5	1	+	S	S
Roanoke	1.5	6.46	50.5	132.6	1	5	1	+	S	S
1	1.3	8.48	50.5	138.8	2	5	2	0	S	T
2	1.3	5.04	50.4	136.3	4	5	1	+	S	T
3	1.4	6.40	50.0	132.3	2	1	1	+	R	T
4	1.3	6.42	48.0	132.6	5	5	1	+	S	S
5	1.3	6.89	51.7	136.0	2	4	-	-	S	S
6	-	9.55	51.1	142.0	2	5	1	0	R	S
7	1.3	7.16	47.2	131.2	3	5	1	+	R	T
8	1.5	6.95	53.3	135.1	2	5	1	+	S	S
9	1.5	6.36	48.4	131.5	5	5	1	+	S	T
10	1.4	7.37	49.9	134.3	3	5	3	0	S	S
11	1.4	7.41	47.5	132.6	4	5	1	+	R	S
12	1.5	6.42	45.9	130.6	4	5	1	+	S	S
13	1.6	7.61	51.4	135.1	1	5	1	0	R	S
14	-	5.60	48.6	129.4	4	5	1	+	S	S
15	1.5	6.46	50.5	132.6	1	5	1	+	S	S
16	-	7.04	53.5	138.3	2	4	5	0	R	S
17	-	7.22	49.4	131.7	3	5	1	+	R	S
18	1.3	7.41	50.7	132.9	1	5	3	+	S	S
19	1.3	7.65	50.4	132.9	4	4	1	+	S	S
20	1.4	6.83	48.2	131.5	1	5	1	+	S	S
21	1.3	6.91	49.3	130.6	3	5	1	+	R	S
22	1.3	8.48	52.3	137.2	4	5	-	0	R	T
23	1.3	8.13	48.6	132.9	1	5	-	+	R	T
24	1.3	7.51	54.3	138.3	1	5	-	+	R	S
25	1.3	8.29	49.2	135.4	3	5	-	+	S	T
26	1.2	7.45	47.3	132.9	3	5	-	+	S	T
27	1.2	7.43	48.2	132.6	3	5	-	+	S	T
28	1.2	7.86	47.9	132.3	3	5	-	+	S	T
29	-	6.28	49.0	129.6	4	5	-	0	S	S
30	1.3	7.30	49.9	132.1	2	5	-	+	R	S
31	1.1	7.90	50.8	134.5	3	5	-	0	S	T
32	-	6.52	51.1	132.1	3	5	-	-	S	S
33	1.2	6.81	47.9	131.5	2	5	-	+	S	T
34	1.2	7.10	51.8	135.7	3	5		0	R	S
35	1.2	6.75	49.1	135.7	4	5	-	0	S	S
36	1.3	6.85	50.6	134.5	1	5	-	+	S	S
37	1.2	8.15	52.0	138.3	3	5	-	0	S	S
38	1.3	7.53	48.1	135.4	1	5	1	-	S	T
39	1.2	8.62	52.4	137.7	2	4	-	+	S	T
40	1.2	9.38	51.8	140.5	4	4	-	+	S	T

Group VII-2

Line No.	Variety or number	Parentage or variety name	Source
	Jackson Roanoke		
41	PI 71,570	Nanking, China	
42	PI 79,861	Mangow Exp. Sta., Chinese Eastern RR	
43	PI 84,642	Suigin, Korea	
44	PI 84,967	Kobe, Japan	
45	PI 85,416	Suigin, Korea	
46	PI 87,565	Suigin, Korea	
47	PI 89,469	Hsiungyaocheng, Manchuria	
48	PI 95,960	Shariin, Korea	
49	PI 97,094	Shariin, Korea	
50	PI 97,100	Shariin, Korea	
51	PI 123,439	Kengtung, Burma	
52	PI 145,079	Salesburg, Rhodesia	
53	PI 153,681	El Salvador, C.A.	
54	PI 153,682	El Salvador, C.A.	
55	PI 159,093	South Africa	
56	PI 159,094	South Africa	
57	PI 159,095	South Africa	
58	PI 159,096	South Africa	
59	PI 159,097	South Africa	
60	PI 165,563	India	
61	PI 165,578	India	
62	PI 165,583	India	
63	PI 165,671	China	
64	PI 165,675	China	
65	PI 165,676	China	
66	PI 165,896	India	
67	PI 165,914	India	
68	PI 165,926	India	
69	PI 165,929	India	
70	PI 165,943	India	
71	PI 165,947	India	
72	PI 165,989	India	
73	PI 166,028	India	
74	PI 166,032	India	
75	PI 166,048	India	
76	PI 166,105	India	
77	PI 166,140	India	
78	PI 166,141	India	
79	PI 171,438	A. K. Smith, China	
80	PI 171,445	A. K. Smith, China	

Group VII-2a

Line No.	Year intro- duced	Flowers		Maturity	Height	Pubescence	
		Color	Date			Color	Type
Jackson		W	7-23	10-23	52	G	N
Roanoke		W	7-23	10-21	48	G	N
41	1927	P	8-7	10-23	66	G	N
42	1929	P	8-4	10-11	64	T	N
43	1929	P	7-28	10-11	68	G	D
44	1929	W	7-30	10-17	60	T	N
45	1929	W	7-30	10-21	38	G	N
46	1929	P	7-23	10-4	40	G	N
47	1930	W	7-30	10-21	52	G	N
48	1932	W	8-4	10-13	36	G	D
49	1932	P	8-4	10-21	64	T	N
50	1932	W	8-4	10-21	76	G	N
51	1937	P	8-13	10-21	46	G	N
52	1942	P	7-28	10-21	38	G	N
53	1946	W	8-4	10-15	44	G	N
54	1946	P	8-4	10-13	70	G	N
55	1947	W	7-30	10-21	68	G	N
56	1947	P	8-13	10-23	72	G	N
57	1947	W	8-21	11-1	66	G	D
58	1947	P	8-13	10-25	30	G	N
59	1947	W	7-20	10-8	52	G	N
60	1948	P	8-25	11-1	42	T	N
61	1948	W	8-10	10-21	48	T	N
62	1948	P	8-7	10-21	Proc *	T	N
63	1948	W	8-4	10-23	38	G	N
64	1948	P	8-10	10-21	40	T	N
65	1948	P	8-4	10-29	64	T	N
66	1948	P	8-27	10-29	66	T	N
67	1948	P	8-10	10-15	Proc	T	N
68	1948	P	8-10	10-13	Proc	T	N
69	1948	P	8-7	10-26	Proc	T	N
70	1948	W	8-4	10-21	54	T	N
71	1948	P	8-10	11-1	Proc	T	N
72	1948	P	8-10	10-15	Proc	T	N
73	1948	P	8-18	10-21	Proc	T	N
74	1948	P	8-10	10-21	Proc	T	N
75	1948	P	8-7	11-1	Proc	T	N
76	1948	P	8-7	10-29	Proc	T	N
77	1948	W	8-10	10-25	48	T	N
78	1948	W	8-13	11-1	64	T	N
79	1949	P	8-27	11-5	48	T	N
80	1949	P	8-4	10-21	38	T	N

Group VII-2b

Line No.	Pod color	Coat cplor	Seed			Percent	
			Hilum color	Size	Quality	Protein	Oil
Jackson	Br	Y	Bf	13.6	2	36.8	21.8
Roanoke	Br	Y	Bf	14.4	2	37.5	21.5
41	Br	Y	Br	10.4	2	38.7	17.9
42	T	Y	Br	12.4	2	39.0	19.1
43	Br	Y	Bf	8.6	2	42.5	17.9
44	Br	Y	Br	12.6	2	40.7	17.8
45	Br	Y	Bf	14.4	2	40.4	18.3
46	Br	Y	Bf	16.8	2	39.8	17.8
47	Br	Y	Bf	11.1	2	39.5	19.9
48	Br	Y	Bf	16.8	2	38.6	20.7
49	T	Y	Br	14.3	2	39.2	19.9
50	T	Y	Bf	11.4	2	40.0	19.0
51	T	Y	Br	4.4	2	39.8	13.7
52	T	Y	Br	17.6	2	39.9	19.3
53	T	Y	Bf	16.1	2	38.4	20.8
54	Br	Y	Br	15.2	2	38.5	18.9
55	Br	Y	Br	14.4	2	38.9	19.7
56	Br	Y	Bf	13.6	2	39.1	20.2
57	Br	Y	Bf	14.7	2	39.1	18.8
58	Br	Y	Br	16.6	2	38.7	20.5
59	Br	Y	Y	12.0	2	38.4	18.5
60	Br	B1	B1	10.4	2	37.5	21.0
61	Br	Br	Br	14.0	2	40.2	17.9
62	Br	B1	B1	4.4	2	38.7	13.2
63	T	Y	Bf	17.5	2	38.8	17.9
64	T	Y	Br	12.6	2	38.7	18.5
65	Br	Br	Br	22.0	2	38.7	18.5
66	Br	B1	B1	9.7	2	40.1	14.7
67	Br	Y	Br	5.8	2	38.6	15.8
68	T	Y	Br	5.4	2	39.5	15.2
69	Br	B1	B1	5.6	2	38.7	14.5
70	Br	Br	Br	14.8	2	40.1	18.4
71	Br	B1	B1	3.8	3	39.7	13.3
72	Br	Y	Br	6.3	2	38.9	15.8
73	Br	Y	Br	6.2	2	39.1	17.2
74	Br	Y	Br	6.5	2	38.6	17.2
75	Br	B1	B1	5.1	2	38.7	14.2
76	Br	B1	B1	4.7	2	39.6	12.4
77	Br	Br	Br	15.0	2	38.8	16.9
78	Br	B1	B1	4.4 14.4	2	38.7	18.1
79	Br	B1	B1	4.7	2	38.1	14.4
80	T	Y	Br	12.6	2	37.9	17.8

Group VII-2c

Line No.	Protein Comp. Methionine	Oil Composition			Shatter	Disease Reaction				Salt reaction
		Lino- lenic	Lino- leic	Iodine No.		B.P.	Frog- eye	D.M.	P.R.	
Jackson	1.5	6.95	53.3	135.1	2	5	1	+	S	S
Roanoke	1.5	6.46	50.5	132.6	1	5	1	+	S	S
41	1.3	7.88	50.0	134.5	2	5		+	R	S
42	1.3	6.11	44.6	129.2	2	5		+	S	S
43	1.2	6.34	48.2	127.7	5	5		0	R	S
44	1.2	6.38	48.0	134.3	2	5		+	S	S
45	1.2	7.55	50.2	134.3	5	5		0	R	S
46	1.3	7.53	50.0	134.0	2	5		+	S	S
47	1.2	8.00	49.7	131.5	4	5		+	S	S
48	1.1	6.73	47.4	130.3	3	5		0	R	S
49	1.2	7.18	52.2	136.3	3	5		+	R	S
50	1.2	7.26	50.3	134.0	3	5		+	S	S
51	1.3	10.08	51.1	141.6	3	5		+	S	S
52	1.1	7.39	50.0	130.6	3	5		+	R	S
53	1.1	6.19	47.6	128.6	4	5		+	S	T
54	1.2	6.79	47.2	128.0	5	5		+	S	S
55	1.1	8.13	46.4	126.6	3	5	5	+	S	S
56	1.2	6.87	49.8	133.2	2	5	5	+	R	S
57	1.2	7.47	51.2	135.7	1	5		+	S	T
58	1.1	7.24	49.3	130.9	1	5		+	R	S
59	1.2	7.55	52.4	136.3	3	5		+	S	S
60	-	7.92	50.6	136.0	2	5		+	S	S
61	-	7.18	49.4	130.6	3	5		0	S	S
62	-	9.92	49.6	129.2	3	5		0	S	S
63	1.2	6.46	48.2	127.5	3	5		+	R	T
64	1.2	6.75	48.0	135.7	4	1		0	S	T
65	-	8.91	48.5	135.7	3	1		0	S	T
66	-	8.93	49.4	136.3	2	5		0	S	S
67	1.3	9.20	49.2	138.6	3	5		0	R	S
68	1.4	10.28	46.9	136.6	3	5		0	R	S
69	-	9.14	50.0	140.8	2	5		0	S	S
70	-	7.30	49.7	132.3	3	5		0	S	S
71	-	11.15	50.2	141.6	3	5		0	S	S
72	1.4	8.85	51.0	138.0	4	5		0	R	S
73	1.4	8.77	52.3	140.8	3	5		0	R	S
74	1.4	8.62	51.8	140.2	3	5		0	R	S
75	-	8.60	51.3	140.5	1	5		+	S	S
76	-	9.05	49.5	138.6	1	5		0	S	S
77	-	7.35	52.6	133.2	2	5		0	S	S
78	-	7.49	52.0	136.3	3	5		+	S	S
79	-	8.42	53.4	139.4	5	5		0	S	S
80	1.2	6.38	48.9	130.9	2	1		0	S	S

Group VII-3

Line No.	Variety or number	Parentage or variety name	Source
	Jackson Roanoke		
81	PI 171,446		A. K. Smith, China
82	PI 171,451	Kasamame	Japan
83	PI 174,853		India
84	PI 174,855		India
85	PI 174,856		India
86	PI 174,857		India
87	PI 174,858		India
88	PI 174,865		India
89	PI 174,866		India
90	PI 174,868		India
91	PI 175,180		India
92	PI 175,181		India
93	PI 175,182		India
94	PI 175,183		India
95	PI 175,185		India
96	PI 175,186		India
97	PI 175,188		India
98	PI 175,191		India
99	PI 175,197		India
100	PI 179,935		India
101	PI 180,051		India
102	PI 180,445		India
103	PI 181,560		Japan
104	PI 181,564		Japan
105	PI 181,565		Japan
106	PI 181,566		Japan
107	PI 181,567		Japan
108	PI 181,568		Japan
109	PI 181,569		Japan
110	PI 183,929		India
111	PI 183,930		India
112	PI 187,154	Tanbagura	Japan
113	PI 189,402		Guatamala
114	PI 192,867	Ringgit #317	Indonesia
115	PI 192,868	Sumbing	Indonesia
116	PI 192,869	#27	Indonesia
117	PI 192,870	#441	Indonesia
118	PI 192,871	#448	Indonesia
119	PI 192,872	#449	Indonesia
120	PI 192,873	#450	Indonesia

Group VII-3a

Line No.	Year intro- duced	Flowers		Maturity	Height	Pubescence	
		Color	Date			Color	Type
Jackson		W	7-23	10-23	52	G	N
Roanoke		W	7-23	10-21	48	G	N
81	1949	P	8-13	10-21	36	T	N
82	1948	W	8-27	10-26	34	T	D
83	1949	W	8-7	10-21	64	T	N
84	1949	W	8-10	10-21	54	T	N
85	1949	W	8-4	10-13	42	T	N
86	1949	W	8-10	10-21	68	T	N
87	1949	W	8-4	10-21	44	T	N
88	1949	W	8-7	10-21	40	T	N
89	1949	P	8-10	11-1	Proc	T	N
90	1949	W	8-7	10-23	44	T	N
91	1949	P	8-10	10-13	Proc	T	N
92	1949	P	8-10	10-13	Proc	T	N
93	1949	P	8-10	10-26	Proc	T	N
94	1949	P	8-18	10-21	Proc	T	N
95	1949	P	8-4	10-21	Proc	T	N
96	1949	P	8-10	10-21	Proc	T	N
97	1949	P	8-21	11-3	Proc	T	N
98	1949	P	8-20	11-5	Proc	T	N
99	1949	P	8-13	10-26	Proc	T	N
100	1949	W	8-10	10-21	Proc	G	N
101	1949	W	8-4	10-21	50	T	N
102	1949	P	8-13	10-21	Proc	T	N
103	1949	P	7-23	10-19	38	T	N
104	1949	P	7-28	11-1	32	T	N
105	1949	P	7-28	10-19	30	G	N
106	1949	P	8-10	10-26	32	G	N
107	1949	W	7-28	11-1	42	G	N
108	1949	W	7-28	10-21	40	G	N
109	1949	P	7-28	10-23	42	T	N
110	1949	W	8-30	11-6	50	T	N
111	1949	W	8-10	10-21	58	T	N
112	1950	P	7-20	10-17	24	T	N
113	1950	P	8-25	11-6	62	T	N
114	1950	P	8-10	10-13	Proc	T	N
115	1950	P	8-10	10-21	Proc	T	N
116	1950	P	8-10	10-21	Proc	T	N
117	1950	W	8-10	10-21	Proc	T	N
118	1950	P	8-25	10-25	Proc	T	N
119	1950	P	8-10	10-15	Proc	T	N
120	1950	P	8-30	10-21	Proc	T	N

Group VII-3b

Line No.	Seed				Percent		
	Pod color	Coat color	Hilum color	Size	Quality	Protein	Oil
Jackson	Br	Y	Bf	13.6	2	36.8	21.8
Roanoke	Br	Y	Bf	14.4	2	37.5	21.5
81	T	Y	Br	13.0	2	38.1	18.4
82	T	Y	Br	7.1	2	38.6	14.4
83	Br	Br	Br	13.5	2	38.6	18.8
84	Br	Br	Br	14.8	2	38.5	17.9
85	Br	Br	Br	12.5	2	38.0	17.2
86	Br	Br	Br	11.8	2	37.7	17.4
87	Br	Br	Br	15.8	2	36.6	18.6
88	Br	Y	Br	10.2	2	40.0	16.8
89	Br	Bl	Bl	5.8	2	39.8	13.6
90	Br	Br	Br	15.0	2	39.6	18.0
91	T	Bl	Bl	5.2	2	39.0	14.0
92	T	Gn	Br	4.7	2	39.2	13.5
93	T	Y	Bl	4.8	2	40.0	12.0
94	T	Gn	Br	5.6	2	38.7	14.2
95	T	Br	Br	4.9	2	39.7	14.3
96	T	Br	Br	4.5	2	40.5	13.5
97	Br	Bl	Bl	4.6	3	41.6	11.4
98	Br	Bl	Bl	4.6	3	40.3	12.1
99	Br	Bl	Bl	4.5	2	38.7	14.4
100	T	Y	Br	8.6	2	37.4	19.4
101	Br	Br	Br	14.0	2	40.9	17.5
102	T	Br	Br	4.7	3	37.5	14.9
103	Br	Y	Br	17.3	2	39.9	19.8
104	Br	Bl	Bl	37.4	2	40.7	18.4
105	T	Y	Br	26.9	2	39.1	20.1
106	Br	Y	Bf	17.9	2	39.5	19.5
107	Br	Y	Br	13.3	2	39.4	19.0
108	Br	Gn	Bf	12.2	2	39.5	20.1
109	Br	Bl	Bl	26.8	3	39.7	19.0
110	Br	Y	Br	9.7	2	42.4	16.3
111	Br	Br	Br	13.8	2	42.2	16.6
112	Br	Bl	Bl	29.9	2	40.1	19.3
113	Br	Bl	Bl	6.9	2	41.3	15.9
114	Br	Y	Br	7.4	2	42.5	16.0
115	Br	Y	Br	8.3	2	42.1	16.2
116	Br	Bl	Bl	7.3	2	40.8	17.4
117	Br	Y	Br	7.2	2	42.2	16.6
118	Br	Y	Br	7.7	2	39.5	16.1
119	Br	Y	Br	7.2	2	41.5	16.4
120	Br	Y	Bl	7.1	2	41.5	16.7

Group VII-3c

Line No.	Protein Comp. Methionine	Oil Composition			Shatter	Disease Reaction				Salt reaction
		Lino- lenic	Lino- leic	Iodine No.		B.P.	Frog- eye	D.M.	P.R.	
Jackson	1.5	6.95	53.3	135.1	2	5	1	+	S	S
Roanoke	1.5	6.46	50.5	132.6	1	5	1	+	S	S
81	1.1	6.15	48.2	131.5	3	1		+	S	S
82	1.3	8.48	51.8	137.2	5	5		+	S	S
83	-	7.70	48.1	131.5	3	5		0	S	S
84	-	7.08	50.4	133.2	2	5		0	S	S
85	-	6.95	47.4	128.6	3	5		0	S	S
86	-	8.07	46.2	130.6	2	5		0	R	S
87	-	6.95	51.2	132.9	2	5		0	S	S
88	1.3	8.09	51.3	136.9	3	5		0	S	S
89	-	8.72	49.2	139.9	1	5		0	S	S
90	-	6.79	49.9	133.2	2	5		0	S	S
91	-	9.16	49.9	139.4	2	5		0	S	S
92	-	8.99	47.9	136.3	2	5		+	S	S
93	-	9.51	49.5	139.7	2	5		+	S	S
94	-	9.24	48.1	138.0	3	5		0	R	S
95	-	9.24	50.9	139.1	3	5		0	R	S
96	-	9.55	50.4	141.4	2	5		0	R	S
97	-	11.52	50.2	148.4	1	5		+	S	S
98	-	9.98	50.3	140.8	2	5		0	S	S
99	-	9.38	49.8	141.1	2	5		0	S	S
100	1.2	7.06	50.8	134.5	3	5		0	R	S
101	-	6.75	48.7	131.7	2	5		0	S	S
102	-	9.57	52.0	142.0	2	5		0	R	S
103	-	6.77	50.8	138.6	5	5		+	R	S
104	-	7.06	49.4	131.5	3	5		0	R	S
105	1.2	6.83	48.9	130.6	3	5		0	R	T
106	1.2	7.37	49.1	133.2	3	5		+	R	S
107	1.1	10.27	50.7	136.7	4	5		+	R	S
108	1.2	6.19	48.8	130.6	3	5		0	R	S
109	-	6.58	47.5	129.4	5	5		0	R	S
110	1.1	9.05	49.9	138.6	2	5		0	S	S
111	-	7.47	47.9	130.9	3	5		0	S	S
112	-	6.44	43.5	125.5	3	5		0	S	S
113	-	8.52	50.6	139.4	3	1		0	S	S
114	1.2	7.35	46.6	130.6	5	5		0	R	T
115	1.2	8.87	47.1	134.0	5	4		+	R	S
116	-	8.02	47.4	132.6	5	4		+	R	T
117	-	8.23	46.9	132.3	5	5		+	R	S
118	1.3	8.79	49.2	134.0	5	2		0	R	T
119	-	8.54	47.9	134.3	5	4		0	R	S
120	-	8.62	50.0	134.3	3	5		0	R	S

Group VII-4

Line No.	Variety or number	Parentage or variety name	Source
	Jackson Roanoke		
121	PI 192,874	#520	Indonesia
122	PI 198,078		India
123	PI 200,445	Akanida	Shikoku, Japan
124	PI 200,448	Akidaizu #1	Shikoku, Japan
125	PI 200,451	Amakusa Daizu	Shikoku, Japan
126	PI 200,452 ^{3/}	Amakusa Nou No. 2	Shikoku, Japan
127	PI 200,454 ^{3/}	Aokimame	Shikoku, Japan
128	PI 200,455	Aso No. 1	Shikoku, Japan
129	PI 200,456	Awashima Zairai	Shikoku, Japan
130	PI 200,459	Chasengoku	Shikoku, Japan
131	PI 200,462	Daizu No. 1	Shikoku, Japan
132	PI 200,464	Daizu Uchida	Shikoku, Japan
133	PI 200,465	Fusanari Daizu	Shikoku, Japan
134	PI 200,466	Gakubun	Shikoku, Japan
135	PI 200,469	Hanashirazu	Shikoku, Japan
136	PI 200,474	Hikagedaizu	Shikoku, Japan
137	PI 200,475	Hiroshima Kurodaizu	Shikoku, Japan
138	PI 200,476	Hitoyoshi	Shikoku, Japan
139	PI 200,477	Hondadaizu	Shikoku, Japan
140	PI 200,484	Kawara	Shikoku, Japan
141	PI 200,490 ^{4/}	Keburi	Shikoku, Japan
142	PI 200,491 ^{4/}	Kochi Akidaizu	Shikoku, Japan
143	PI 200,492 ^{4/}	Komata	Shikoku, Japan
144	PI 200,493 ^{3/}	Kuma Zairai	Shikoku, Japan
145	PI 200,494	Kumazi No. 1	Shikoku, Japan
146	PI 200,498 ^{5/}	Manchuro Native	Shikoku, Japan
147	PI 200,500	Mijiro	Shikoku, Japan
148	PI 200,506	Nakata No. 2	Shikoku, Japan
149	PI 200,507	Natandaizu #1	Shikoku, Japan
150	PI 200,509	Nishimura Daizu	Shikoku, Japan
151	PI 200,516	Okute	Shikoku, Japan
152	PI 200,523	Sangoku	Shikoku, Japan
153	PI 200,524	Shimobaba	Shikoku, Japan
154	PI 200,525	Shimatsura	Shikoku, Japan
155	PI 200,527	Shiro Daikachirin	Shikoku, Japan
156	PI 200,528	Shirodaizu (w)	Shikoku, Japan
157	PI 200,529	Shirodaizu #1	Shikoku, Japan
158	PI 200,530	Shirodaizu #3	Shikoku, Japan
159	PI 200,531	Shirodaizu (P)	Shikoku, Japan
160	PI 200,532	Shirohanaski #1	Shikoku, Japan

Group VII-4a

Line No.	Year intro- duced	Flowers		Maturity	Height	Pubescence	
		Color	Date			Color	Type
Jackson		W	7-23	10-23	52	G	N
Roanoke		W	7-23	10-21	48	G	N
121	1950	W	8-10	10-15	46	T	N
122	1951	P	8-10	10-23	36	T	N
123	1952	P	8-10	11-1	42	T	N
124	1952	W	8-4	10-15	38	G	N
125	1952	P	8-4	11-15	48	T	N
126	1952	P	8-4	11-6	46	T	N
127	1952	P	8-13	11-1	52	T	N
128	1952	P	7-30	11-1	46	T	N
129	1952	W	8-10	11-1	46	T	N
130	1952	P	8-25	11-8	Proc	T	N
131	1952	P	8-10	11-1	40	T	N
132	1952	P	8-25	11-3	62	T	N
133	1952	P	8-4	11-1	66	T	N
134	1952	P	8-4	11-3	46	T	N
135	1952	P	7-28	10-19	34	G	N
136	1952	P	8-21	11-3	60	T	N
137	1952	P	7-28	10-19	36	T	N
138	1952	P	8-13	11-3	46	T	N
139	1952	P	8-4	11-3	58	T	N
140	1952	P	8-30	11-3	60	T	N
141	1952	P	8-25	11-8	58	T	N
142	1952	W	8-4	10-29	40	T	N
143	1952	W	7-23	10-23	56	T	N
144	1952	P	8-4	10-19	38	T	N
145	1952	P	8-21	11-1	64	T	N
146	1952	P	8-25	11-3	58	T	N
147	1952	P	8-7	10-29	52	G	N
148	1952	P	7-20	10-21	38	G	N
149	1952	W	8-4	10-23	42	G	N
150	1952	P	8-13	11-3	44	T	N
151	1952	P	8-4	11-3	58	G	N
152	1952	P	8-30	11-8	66	T	N
153	1952	P	8-13	11-1	32	T	N
154	1952	P	8-13	11-3	40	T	N
155	1952	P	7-28	10-21	34	G	N
156	1952	W	8-4	10-21	46	G	N
157	1952	P	7-30	10-21	32	G	N
158	1952	P	7-28	10-21	32	G	D
159	1952	P	8-7	11-1	34	T	N
160	1952	P	7-30	10-29	40	G	N

Group VII-4b

Line No.	Pod color	Coat color	Seed		Quality	Percent	
			Hilum color	Size		Protein	Oil
Jackson	Br	Y	Bf	13.6	2	36.8	21.8
Roanoke	Br	Y	Bf	14.4	2	37.5	21.5
121	Br	Bl	Bl	8.6	2	39.8	17.7
122	T	Y	Br	13.4	2	41.2	18.8
123	Br	Y	Br	13.4	2	39.9	16.9
124	T	Y	Bf	14.1	2	43.2	17.3
125	T	Y	Br	18.3	2	41.8	18.5
126	Br	Y	Br	12.1	2	44.7	15.0
127	Br	Gn	Br	12.8	2	42.0	18.2
128	T	Y	Bl	19.6	2	40.1	20.3
129	Br	Br	Br	22.2	2	39.1	19.8
130	Bl	Br	Br	7.6	2	40.0	17.0
131	Br	Y	Br	16.2	2	40.3	19.0
132	Br	Y	Br	12.4	2	39.8	19.1
133	T	Y	Br	11.8	2	41.6	18.2
134	Br	Y	Br	11.3	2	38.7	19.2
135	Br	Y	Br	27.4	2	42.0	18.5
136	Br	Y	Br	11.9	2	39.6	18.4
137	Br	Bl	Bl	24.0	2	38.5	21.5
138	Br	Y	Br	14.6	2	38.8	19.0
139	Br	Y	Br	11.9	2	43.8	16.8
140	Br	Y	Br	10.0	2	43.7	14.8
141	Bl	Gn	Bl	8.6	2	40.4	18.0
142	Br	Gn	Br	12.2	2	40.3	18.9
143	Br	Y	Br	19.6	2	39.5	20.2
144	Br	Gn	Br	18.3	2	39.0	20.5
145	T	Y	Bl	15.8	2	37.1	20.5
146	Br	Gn	Bl	20.5	2	37.5	19.4
147	Br	Y	Bf	18.8	2	40.5	19.6
148	T	Y	Bf	21.8	2	40.7	19.0
149	T	Y	Br	22.6	2	41.4	18.5
150	Br	Y	Br	15.8	2	39.7	19.6
151	Br	Y	Br	17.8	2	42.4	17.7
152	Br	Y	Br	8.6	2	40.7	15.9
153	Br	Y	Br	10.4	2	39.1	17.9
154	Br	Y	Br	10.5	2	35.8	20.3
155	Br	Y	Bf	18.9	2	38.7	19.7
156	T	Y	Br	19.9	3	40.5	18.6
157	T	Y	Bf	27.9	2	39.1	18.9
158	T	Y	Bf	23.6	2	37.5	21.4
159	Br	Y	Br	20.2	2	39.9	20.1
160	Br	Y	Br	14.4	2	39.6	18.2

Group VII-4c

Line No.	Protein Comp. Methionine	Oil Composition			Shatter	Disease Reaction				Salt reaction
		Lino- lenic	Lino- leic	Iodine No.		B.P.	Frog- eye	D.M.	P.R.	
Jackson	1.5	6.95	53.3	135.1	2	5	1	+	S	S
Roanoke	1.5	6.46	50.5	132.6	1	5	1	+	S	S
121	-	7.39	48.6	130.3	5	2		0	R	S
122	1.2	6.30	48.9	130.3	3	3		+	S	T
123	1.3	7.47	53.6	139.1	3	5		+	R	S
124	1.3	6.21	46.1	128.6	5	5		+	S	T
125	1.3	7.49	49.1	133.4	3	5		0	S	T
126	1.3	7.76	51.7	13.69	3	5		+	R	T
127	-	6.95	51.2	135.1	3	5		+	S	T
128	1.3	7.08	52.4	133.2	2	5		+	S	T
129	-	6.46	51.2	132.6	2	5		0	R	T
130	-	9.07	51.8	139.4	3	1		0	R	S
131	1.3	7.57	50.9	133.4	3	5		+	S	S
132	1.3	6.40	50.1	132.3	2	5		0	R	S
133	1.4	7.16	48.4	131.7	2	5		+	R	S
134	1.4	7.41	52.2	137.2	2	5		0	R	T
135	1.2	6.63	49.8	132.9	4	5		0	R	S
136	1.3	7.22	50.4	134.0	3	5		+	R	S
137	-	6.65	51.3	134.3	4	5		0	R	S
138	1.2	7.33	51.0	133.7	2	5		+	R	S
139	1.1	7.74	50.2	133.7	4	5		+	R	S
140	1.1	7.82	49.8	132.9	3	5		+	R	S
141	1.3	7.63	52.8	138.0	2	5		+	R	S
142	1.2	7.78	49.5	138.8	3	5		+	R	S
143	1.3	6.63	49.5	130.9	2	5		+	R	S
144	-	6.87	49.8	133.2	4	5		0	R	S
145	1.3	6.50	52.1	134.3	2	5		+	S	S
146	-	7.67	52.9	138.3	4	5		+	S	S
147	1.2	6.56	50.3	133.4	3	5		+	S	S
148	1.2	5.88	50.0	132.9	3	5		0	R	S
149	1.1	6.34	50.7	130.6	4	5		+	R	S
150	1.2	6.79	54.1	135.4	3	5		+	R	S
151	1.2	6.83	52.4	133.4	4	5		0	R	S
152	1.3	7.63	52.2	137.2	3	5		0	R	S
153	1.3	8.25	51.5	137.2	3	5		0	R	T
154	1.3	7.63	53.3	137.4	2	5		0	R	T
155	1.2	7.08	53.3	136.3	4	5		0	R	-
156	1.2	5.82	54.5	130.9	3	5		+	R	T
157	1.3	6.48	50.4	129.4	4	5		0	R	S
158	1.3	6.42	51.7	132.6	5	5		0	R	T
159	1.3	7.08	51.1	133.2	3	5		+	S	T
160	1.4	8.21	53.3	139.1	4	5		0	R	T

Group VII-5

Line No.	Variety or number	Parentage or variety name	Source
	Jackson Roanoke		
161	PI 200,538	Sugazairai	Japan
162	PI 200,539	Suzanari	Japan
163	PI 200,542	Tamana	Japan
164	PI 200,543	Tamanishki	Japan
165	PI 200,544	Tanbokuro	Japan
166	PI 200,547	Wakashima	Japan
167	PI 200,549	Wasekin	Japan
168	PI 201,423		China
169	PI 203,404	Barona Precoca	Brazil
170	PI 205,083	Akasaya(not this var.)	Japan via Israel
171	PI 205,084	Ginshiro	Japan via Israel
172	PI 208,431		Am. Emb. New Delhi, India, elev. 500'
173	PI 208,433		Katanda Valley, India elev. 4500'
174	PI 208,437		Nepal, India 2400' elev.
175	PI 208,438		Pokhara, India 2400' elev.
176	PI 208,782	Gindaizu	Sasayama, Japan
177	PI 208,783	Kaikon Mame	Sasayama, Japan
178	PI 208,784	Kiyozu	Sasayama, Japan
179	PI 208,785	Kosamame	Sasayama, Japan
180	PI 208,788	Tookichi	Sasayama, Japan
181	PI 208,789	Zyuninyoshi	Sasayama, Japan
182	PI 209,836		Nepal, India
183	PI 210,351	Jubitan 77	Mozambique
184	PI 210,352	Listed as Mammoth Yellow	Mozambique
185	PI 210,353	Potchefstrom 184	Mozambique
186	PI 219,652		Indonesia
187	PI 219,655		Indonesia
188	PI 221,715	(Sel.50580)Seminole x[P449xDixie xMandarin]	South Africa
189	PI 222,546	No. 947-DCE-SJ-020-1	Argentina
190	PI 224,269	Chasenqoku	Sasayama, Japan
191	PI 224,270	Howgyoku	Sasayama, Japan
192	PI 224,273	Ohite Arkidaizu #2	Sasayama, Japan
193	PI 227,219	Kotane	Kyoto, Japan
194	PI 227,221	Iyodaizu	Kyoto, Japan
195	PI 227,222	Ippon Suzunari	Kyoto, Japan
196	PI 227,224	Yahagi	Kyoto, Japan
197	PI 228,065	Yamaguchi Shiro #1	Aomari, Japan
198	PI 229,321	Haidaizu	Tokyo, Japan
199	PI 229,358	Sodendaizu	Tokyo, Japan
200	PI 230,970 ^{3/}		Tokyo, Japan

Group VII-5a

Line No.	Year intro- duced	Flowers		Maturity	Height	Pubescence	
		Color	Date			Color	Type
Jackson		W	7-23	10-23	52	G	N
Roanoke		W	7-23	10-21	48	G	N
161	1952	P	8-13	10-29	44	G	N
162	1952	P	8-7	10-23	34	T	N
163	1952	P	8-30	11-8	56	T	N
164	1952	W	8-7	10-21	44	G	N
165	1952	P	7-28	10-21	38	T	N
166	1952	P	8-21	11-8	44	T	N
167	1952	P	8-21	11-1	34	T	N
168	1952	W	7-23	10-15	42	T	N
169	1953	W P	7-23	10-13	28	G	N
170	1953	W	7-23	10-13	28	G	N
171	1953						
172	1953	W	8-10	10-21	46	T	N
173	1953	W	8-7	10-21	46	T	N
174	1953	P	8-25	10-23	54	T	N
175	1953	W	8-7	10-21	60	T	N
176	1953	P	8-4	10-23	40	G	N
177	1953	P	8-10	10-26	52	G	N
178	1953	P	8-21	11-1	30	G	N
179	1953	P	8-21	11-1	42	T	N
180	1953	P	8-7	10-25	48	G	N
181	1953	P	7-20	10-13	36	G	N
182	1953	W	8-10	10-23	48	T	N
183	1953	P	8-12	11-20	62	T	D
184	1953	W	8-4	10-21	40	G	N
185	1953	W	8-4	10-23	52	G	N
186	1954	P	8-25	11-1	50	T	N
187	1954	P	8-25	11-1	60	T	N
188	1954	P	8-4	11-1	34	T	N
189	1954	W	8-21	11-8	58	T	N
190	1956	P	8-13	11-8	50	T	N
191	1956	W	8-18	11-1	40	G	N
192	1956	P	8-7	11-1	30	T	N
193	1956	W	8-4	10-15	40	T	N
194	1956	W	8-4	10-29	36	G	N
195	1956	P	8-7	10-29	32	T	N
196	1956	P	7-30	10-19	18	T	N
197	1956	W	8-4	10-29	40	G	N
198	1956	P	8-18	10-29	70	T	N
199	1956	P	8-18	11-1	62	T	D
200	1956	P	8-18	11-8	68	T	N

Group VII-5b

Line No.	V	Seed							Percent	
		Line No.	Pod color	Coat color	Hilum color	Size	Quality		Protein	Oil
	C	Jackson	Br	Y	Bf	13.6	2		36.8	21.8
	F	Roanoke	Br	Y	Bf	14.4	2		37.5	21.5
161	F	161	Br	Y	Bf	27.4	3		37.5	19.8
162	F	162	T	Y	Br	14.0	2		39.7	19.1
163	F	163	Br	Gn	Br	10.8	2		39.6	17.6
164	F	164	T	Y	Br	23.7	2		38.2	19.6
165	F	165	Br	B1	B1	37.4	3		38.0	19.4
166	F	166	Br	Y	Br	16.6	2		38.5	18.2
167	F	167	Br	Y	Br	11.4	2		40.2	15.9
168	F	168	Br	B1	B1	16.2	2		37.9	20.8
169	F	169	Br	Y	Br	15.2	2		36.7	21.1
170	F	170	T	Y	Br	17.1	2		37.1	20.8
171	F	171	-	-	-	--	-		--	--
172	F	172	Br	Br	Br	13.9	2		39.6	18.4
173	F	173	Br	Br	Br	13.4	2		40.5	18.1
174	F	174	Br	B1	B1	12.4	2		42.0	15.8
175	F	175	Br	Br	Br	14.8	2		37.7	19.0
176	F	176	Br	Y	Bf	20.6	2		37.5	20.9
177	F	177	Br	Gn	Br	12.8	2		37.5	20.0
178	F	178	Br	Y	Br	18.8	2		39.9	18.2
179	F	179	Br	Y	Br	9.9	2		40.1	18.1
180	F	180	Br	Y	Br	19.1	2		38.7	18.4
181	F	181	Br	Y	Bf	18.2	2		39.0	21.4
182	P	182	Br	Br	Br	13.4	2		37.2	18.4
183	P	183	T	B1	B1	6.5	2		40.6	15.9
184	P	184	Br	Y	Br	15.8	2		38.2	20.7
185	P	185	Br	Y	Br	16.7	2		37.0	21.0
186	P	186	Br	B1	B1	6.9	2		39.5	17.4
187	P	187	Br	B1	B1	6.9	2		38.7	16.7
188	P	188	T	Y	Br	20.5	2		40.5	19.4
189	P	189	Br	Gn	B1	10.8	2		36.7	20.5
190	P	190	Br	B1	B1	6.2	2		39.7	15.8
191	P	191	Br	Y	Br	14.7	2		39.9	18.8
192	P	192	Br	Y	Br	14.2	2		39.7	21.4
193	P	193	T	Y	Br	14.7	2		39.3	18.7
194	P	194	Br	Y	Br	12.6	2		40.0	18.6
195	P	195	Br	Y	Br	18.4	2		38.3	19.9
196	P	196	T	Y	Bf	16.2	2		39.1	20.5
197	P	197	T	Y	Br	20.9	2		38.5	20.3
198	P	198	T	Y	Br	7.9	2		38.3	18.1
199	P	199	Br	Gn	Br	6.8	2		39.8	16.5
200	P	200	Br	Gn	Br	12.7	2		39.9	18.1

Group VII-5c

Line No.	Protein Comp. Methionine	Oil Composition			Shatter	Disease Reaction				Salt reaction
		Lino- lenic	Lino- leic	Iodine No.		B.P.	Frog- eye	D.M.	P.R.	
Jackson	1.5	6.95	53.3	135.1	2	5	1	+	S	S
Roanoke	1.5	6.46	50.5	132.6	1	5	1	+	S	S
161	1.2	6.26	48.4	130.0	3	5		0	R	T
162	1.3	7.84	53.2	136.0	4	5		0	S	T
163	-	7.18	51.6	136.0	3	5		0	R	T
164	1.4	5.84	51.5	129.6	3	5		+	R	T
165	-	5.74	46.9	127.2	4	5		+	R	S
166	1.4	7.70	52.6	136.0	3	5		+	R	T
167	1.3	7.24	53.5	136.0	3	4		0	R	T
168	-	6.09	52.0	130.6	3	5		+	S	T
169	1.5	6.01	48.6	128.0	5	5		0	S	S
170	1.4	5.91	50.5	133.4	5	5			R	S
171	-	--	--	--	-	-		-	-	-
172	-	6.85	50.7	130.3	3	5			S	S
173	-	6.65	50.5	132.6	3	5			S	T
174	-	7.76	50.9	135.7	3	5			S	S
175	-	7.10	51.3	134.3	3	5			S	T
176	1.5	6.40	51.9	132.9	2	5			R	S
177	1.4	5.82	50.3	130.6	5	4			R	S
178	1.3	6.83	50.1	133.4	4	5			R	S
179	1.1	7.55	49.9	133.4	4	4			S	S
180	1.2	7.47	50.4	136.3	4	5			S	T
181	1.2	6.63	49.1	130.3	5	5			S	T
182	-	6.95	51.5	134.3	3	5			S	T
183	-	9.24	52.0	138.8	2	4			S	-
184	1.3	7.63	51.9	135.4	3	5			S	S
185	1.4	7.10	51.0	132.9	2	5			R	S
186	-	8.60	51.1	134.7	5	5			R	T
187	-	8.27	50.2	134.7	5	3			S	S
188	1.3	7.35	50.3	134.7	2	5			S	T
189	1.2	7.45	51.3	136.0	4	5			R	T
190	-	7.43	53.3	136.0	3	5			R	T
191	1.3	7.74	53.5	137.2	3	1			R	S
192	1.3	5.80	49.8	130.3	4	5			R	S
193	1.3	5.93	48.6	129.4	5	5			R	S
194	1.2	8.13	52.3	137.2	5	5			R	S
195	1.3	7.26	50.7	130.9	3	5			S	S
196	1.2	6.83	49.1	128.6	3	5			S	S
197	1.2	6.83	50.4	130.9	5	5			R	T
198	1.2	8.77	50.9	135.7	5	5			R	S
199	1.3	9.81	46.9	133.2	2	5			S	S
200	1.4	8.89	51.3	133.2	2	5			R	T

Group VII-6

Line No.	Variety or number	Parentage or variety name	Source
	Jackson Roanoke		
201	PI 230,971		Tokyo, Japan
202	PI 230,972 ^{3/}		Tokyo, Japan
203	PI 230,973		Tokyo, Japan
204	PI 230,975		Tokyo, Japan
205	PI 230,977		Tokyo, Japan
206	PI 230,980		Tokyo, Japan
207	PI 230,981		Tokyo, Japan
208	PI 241,424		Hokkaido, Japan
209	PI 256,376	China Cluster	New Delhi, India
210	PI 248,510		Japan
211	PI 255,734	Punjab #1	India
212	PI 163,453	Wild (G. ussuriensis)	China
213	PI 203,246	Wild (G. ussuriensis)	China
214	PI 279,081	Masterpiece	South Africa
215	PI 281,885		Indonesia
216	PI 281,889		Indonesia
217	PI 281,904		Malaya
218	PI 285,092		Venezuela
219	PI 285,093		Venezuela

- 1/ Probably PI 71,597
2/ Wavy leaf
3/ Green cotyledon
4/ Resistant to rust in Taiwan, 1961
5/ Saddle pattern

* Procumbent

Group VII-6a

Line No.	Year intro- duced	Flowers		Maturity	Height	Pubescence	
		Color	Date			Color	Type
Jackson		W	7-23	10-23	52	G	N
Roanoke		W	7-23	10-21	48	G	N
201	1956	P	8-27	11-8	50	T	N
202	1956	W	7-30	11-1	26	G	N
203	1956	P	8-4	10-21	36	T	N
204	1956	P	8-18	11-1	38	T	N
205	1956	P	8-4	11-1	36	T	N
206	1956	P	7-30	10-21	26	G	N
207	1956	P	7-23	10-23	54	T	N
208	1957	P	8-21	11-1	52	T	N
209	1959	P	8-18	10-23	42	T	N
210	1958	P	7-28	10-21	36	G	N
211	1958	P	8-13	10-21	36	T	N
212		P	8-30	11-2	Proc	T	N
213		P	8-27	11-2	Proc	T	N
214	1962	W	7-26	10-7	48	G	N
215	1962	P	8-13	10-21	42	T	N
216	1962	P	8-13	10-21	40	T	N
217	1962	P	8-13	11-8	46	T	N
218	1963	W	7-30	11-8	72	S	N
219	1963	P	8-7	10-23	64	G	N

Group VII-6b

Line No.	Pod color	Coat color	Seed			Percent	
			Hilum color	Size	Quality	Protein	Oil
Jackson	Br	Y	Bf	13.6	2	36.8	21.8
Roanoke	Br	Y	Bf	14.4	2	37.5	21.5
201	Br	Gn	Br	14.8	2	39.5	16.5
202	Br	Br	Br	22.1	2	38.3	19.6
203	Br	Y	Br	18.2	2	38.8	20.1
204	Br	B1	B1	16.0	2	37.9	18.8
205	Br	B1	B1	24.9	2	38.4	19.7
206	T	Y	Bf	22.3	2	38.7	20.2
207	Br	B1	B1	25.3	2	39.3	20.0
208	Br	Gn	Br	5.7	2	39.0	17.9
209	T	Y	Br	13.4	2	38.5	18.0
210	Br	Y	Bf	35.4	3	37.7	18.9
211	T	Y	Br	13.9	2	38.2	18.9
212	Br	B1	B1	1.4	3	40.1	10.4
213	Br	B1	B1	2.0	3	38.4	10.3
214	Br	Y	Br	12.2	2	38.6	19.9
215	Br	Y	Br	8.3	2	38.7	18.2
216	Br	Y	Br	7.8	2	38.6	18.6
217	Br	Y	Br	8.2	2	39.9	17.8
218	Br	Gn	Br	15.1	2	39.2	20.2
219	Br	Y	B1	14.5	2	37.4	22.3

Group VII-6c

Line No.	Protein Comp. Methionine	Oil Composition			Shatter	Disease Reaction				Salt reaction
		Lino- lenic	Lino- leic	Iodine No.		B.P.	Frog- eye	D.M.	P.R.	
Jackson	1.5	6.95	53.3	135.1	2	5	1	+	S	S
Roanoke	1.5	6.46	50.5	132.6	1	5	1	+	S	S
201	1.3	7.53	50.0	136.0	2				R	T
202	-	7.92	52.5	132.6	3				R	S
203	1.3	7.49	51.4	132.3	5				R	T
204	-	7.55	51.7	134.5	3				R	S
205	-	7.51	46.7	125.8	2				R	S
206	1.2	6.79	48.3	128.6	3				R	T
207	-	6.98	49.6	130.3	5				R	-
208	1.2	8.54	51.4	138.3	3				R	
209	1.1	6.87	48.5	131.7	3				S	
210	1.3	7.30	50.9	132.3	3				S	
211	1.4	6.34	46.4	131.5	2				S	
212	-	12.55	49.0	145.6						
213	-	12.22	51.8	144.3						
214	1.4	7.61	50.5	135.1					S	
215	1.4	8.70	50.3	135.4					S	
216	1.4	8.95	49.6	135.1					S	
217	1.4	9.63	50.5	138.3					R	
218	1.4	7.26	52.7	135.4					S	
219	1.4	7.88	53.4	136.3					S	

GERMPLASM, GROUP VIII MATURITY

Line No.	Variety or number	Parentage or variety name	source
	Improved Pelican Hardee		
1	Acadian	PI 60,406 x PI 04610	Louisiana Agr. Experiment Station
2	Arisoy	PI 86,736 "Izari Mame Kinai #1	Konosu, Japan
3	Avoyelles	Rogue in Otootan	Farmer's field, Louisiana
4	Barchet	PI 23,232 "Ma Liao tou"	Shanghi, China
5	Biloxi	PI 23,211 "Tsze Pi tou"	Tangsi, China
6	Cherokee ^{1/}	PI 93,057 Ke Lu tou	Hangchow, China
7	Delsta		Delta Branch, Miss. Agr. Exp. Sta.
8	Improved Pelican	Tanloxi x PI 60,406	Louisiana Agr. Exp. Sta.
9	J.E.W. 45		J.E. Wannamaker, St. Matthews, S.C.
10	La. Green		Louisiana Agr. Exp. Sta.
11	Majos	Tokyo x Yelredo	Coker's Pedigreed Seed Co.
12	Mamloxi	Nat.cross Mammoth Yel.xBiloxi	Delta Branch, Miss. Agr. Exp. Sta.
13	Mamotan 6640	Nat.cross Mammoth Yel.xBiloxi	Delta Branch, Miss. Agr. Exp. Sta.
14	Nanda	PI 95,727	
15	Nela	Sel. from Mamotan 6680	Northeast Louisiana Substation
16	Otootan		Formosa vai Hawaii
17	Seminole	PI 93,058	Hangchow, China
18	White Biloxi	Rogue in Biloxi	
19	Yelnanda	Nanda x Yelredo	Coker's Pedigreed Seed Co.
20	Yelredo	Nat.cross Mammoth Yel.xYelredo	
21	FC 31592 ^{1/}		Indonesia
22	FC 31919	Santa Maria variety	Venezuela
23	PI 85,897		Japan
24	PI 133,226		Indonesia
25	PI 148,259		Hawaii
26	PI 159,922		Peru
27	PI 159,924		Peru
28	PI 159,925		Peru
29	PI 159,926		Peru
30	PI 159,927		Peru
31	PI 163,308		India
32	PI 164,885		Guatamala
33	PI 165,524		
34	PI 165,674 ^{2/}		China
35	PI 166,438		India
36	PI 174,852		India
37	PI 174,854		India
38	PI 174,859		India
39	PI 174,860		India
40	PI 174,861		India

Group VIII-1a

Line No.	Year intro- duced	Flowers		Maturity	Height	Pubescence	
		Color	Date			Color	Type
Improved Pelican		P	8-28	11-5	64	T	N
Hardee		W	8-14	11-5	54	G	N
1	1908	P	8-21	10-31	68	T	N
2	1908	P	8-14	10-30	72	T	N
3	1931	P	8-28	10-30	58	T	N
4	1924	P	8-28	10-24	38	T	N
5	1950	P	8-21	10-30	56	T	N
6	1931	P	8-28	10-28	56	G	N
7	1924	P	8-1	10-30	40	G	N
8	1950	P	8-28	11-5	64	T	N
9	1945	P	8-14	10-31	72	T	N
10		P	8-28	11-5	66	T	N
11	1949	W	8-14	10-31	38	G	N
12	1922	P	8-14	10-31	56	T	N
13	1929	P	8-14	10-31	48	G	N
14	1932	P	8-14	11-5	76	G	N
15		W	8-6	10-31	46	T	N
16	1911	P	8-28	11-5	68	T	N
17	1931	P	8-14	11-5	44	T	N
18		P	8-28	10-31	50	T	N
19	1947	W	8-14	10-31	58	G	N
20	1929	W	8-9	11-5	52	G	N
21	1944	P	8-14	11-5	52	T	N
22	1948	P	8-14	10-22	60	T	N
23	1929	P	8-6	11-5	46	T	N
24	1939	W	8-28	10-31	52	G	N
25	1944	P	8-28	11-5	46	T	N
26	1947	P	8-28	11-5	58	T	N
27	1947	P	8-21	10-31	62	T	N
28	1947	W	8-6	10-22	40	G	N
29	1947	P	8-21	11-5	60	T	N
30	1947	W	8-14	10-22	64	G	N
31	1948	P	8-28	11-8	Proc	T	N
32	1949	P	8-28	11-8	60	T	N
33	1949	P	9-4	11-8	64	T	N
34	1949	P	8-14	10-31	42	T	N
35	1949	W	9-4	11-5	Proc	T	N
36	1949	W	9-11	11-10	56	T	N
37	1949	P	8-21	11-5	54	T	N
38	1949	P	8-21	11-10	Proc	T	N
39	1949	P	8-14	11-12	Proc	T	N
40	1949	P	8-14	11-12	Proc	T	N

Group VIII-1b

Line No.	Pod color	Coat color	Seed			Percent	
			Hilum color	Size	Quality	Protein	Oil
Imp. Pel. Hardee	Br T	Y Y	Br Bf	11.9 14.3	2 2	40.4 37.4	20.8 22.4
1	Br	Y	Br	12.1	2	41.0	20.0
2	Br	Y	Br	11.5	2	41.5	18.0
3	Br	B1	B1	10.2	2	37.1	19.5
4	T	Br	Br	5.6	2	41.9	16.3
5	T	Br	Br	25.7	2	45.8	20.5
6	B1	Gn	Br	21.6	2	42.6	18.1
7	T	Y	Br	17.6	2	37.8	20.3
8	Br	Y	Br	11.9	2	40.4	20.8
9	T	Y	Br	15.4	2	38.3	21.3
10	B1	Gn	Br	11.8	2	40.7	18.5
11	T	Y	Bf	18.6	2	36.7	21.6
12	Br	Y	Br	12.4	2	39.0	19.5
13	Br	Y	Br	15.5	2	37.4	21.3
14	T	Y	Br	15.0	2	37.0	21.6
15	Br	Y	Br	14.3	2	38.7	21.3
16	Br	B1	B1	10.3	2	41.4	18.7
17	T	Y	Br	20.6	2	41.2	20.2
18	Br	Y	Br	13.8	2	39.7	20.7
19	T	Y	Bf	16.6	2	40.3	20.4
20	T	Y	Bf	11.2	2	40.8	19.8
21	Br	B1	B1	22.2	2	39.3	21.9
22	Br	B1	B1	13.2	2	38.5	21.1
23	Br	Y	Br	14.3	2	38.3	20.7
24	T	Y	Br	14.6	2	42.0	18.3
25	Br	Gn	Br	7.5	2	42.0	15.9
26	Br	Y	B1	14.2	2	40.8	19.5
27	Br	Y	Br	20.3	2	40.7	21.3
28	T	Y	Bf	20.7	2	40.5	20.1
29	Br	Y	B1	13.2	2	38.5	20.7
30	T	Y	Bf	18.9	2	39.6	19.9
31	T	Y	Br	4.7	3	40.5	15.4
32	Br	B1	B1	9.4	2	43.0	16.2
33	Br	B1	B1	8.5	2	40.2	16.0
34	T	Gn	B1	9.4	2	41.5	18.2
35	Br	Y	Br	7.9	3	46.9	13.0
36	Br	Br	Br	11.4	2	41.6	15.4
37	Br	B1	B1	4.6	3	40.0	13.1
38	Br	B1	B1	4.4	3	42.7	14.6
39	Br	B1	B1	6.3	2	42.9	14.7
40	Br	B1	B1	6.9	2	43.5	14.8

Group VIII-1c

Line No.	Protein Comp. Methionine	Oil Composition			Shatter	Disease Reaction				Salt reaction
		Lino- lenic	Lino- leic	Iodine No.		B.P.	Frog-eye	D.M.	P.R.	
Imp. Pel. Hardee	1.3	7.04	53.6	134.5	1	4			R	S
		6.11	51.2	134.3	1	1			R	-
1	1.4	7.00	53.4	137.2	1	3			R	-
2	1.3	7.26	50.4	133.7	4	2			R	-
3		6.65	48.0	133.4	3	3			R	T
4		9.05	55.3	143.7	1	2			R	T
5		6.34	49.5	127.2	2	4			S	T
6	1.1	7.28	52.6	13.60	4	3			S	T
7	1.2	6.65	54.8	137.7	3	3			R	S
8	1.3	7.04	53.6	134.5	1	4			R	S
9	1.3	6.56	50.5	132.1	2	3			R	S
10	1.2	9.53	52.8	140.5	3	2			R	S
11	1.1	7.92	50.1	134.5	2	4			R	S
12	1.2	6.91	53.8	138.3	2	4			R	S
13	1.3	6.73	55.4	138.6	2	3			R	-
14	1.3	6.26	50.0	132.3	2	3			R	S
15	1.1	7.20	52.1	135.4	3	4			R	S
16		7.37	51.4	136.3	3	3			S	T
17	1.3	6.81	51.0	133.2	3	4			S	S
18	1.3	6.54	52.2	136.3	2	3			R	S
19	1.2	5.95	48.9	130.0	1	3			R	S
20	1.2	7.00	49.7	133.2	1	4			S	-
21	-	6.11	50.3	132.6	2	2			R	T
22	-	7.26	46.8	130.3	5	3			S	T
23	1.4	6.42	48.4	132.3	3	3			S	T
24	1.3	7.16	46.5	131.5	3	3			R	T
25	1.4	9.46	47.6	135.7	1	3			R	S
26	1.4	7.30	49.6	134.0	3	3			R	S
27	1.3	6.42	47.5	128.6	2	3			R	T
28	1.4	5.99	40.8	122.9	4	4			S	T
29	1.4	6.05	49.2	130.9	2	3			R	S
30	1.2	5.41	41.9	125.8	4	3			S	T
31		8.23	53.4	141.4	2	2			R	S
32		7.18	52.2	138.6	3	3			R	T
33		7.24	53.0	139.4	2	3			R	S
34		7.26	50.6	136.6	2	3			R	S
35		6.21	55.5	141.1	3	3			S	S
36		7.51	52.9	139.9	2	3			S	T
37		9.30	51.1	141.1	2	3			S	S
38		8.50	50.0	140.8	2	3			S	T
39		8.93	51.7	139.4	2	3			S	T
40		8.23	50.1	136.3	2	3			S	T

Group VIII-2

Line No.	Variety or number	Parentage or variety name	Source
	Improved Pelican Hardee		
41	PI 174,867		India
42	PI 175,175		India
43	PI 175,176		India
44	PI 175,177		India
45	PI 175,178		India
46	PI 175,179		India
47	PI 175,184		India
48	PI 175,190		India
49	PI 181,696		Indonesia via Surinam
50	PI 181,697		Indonesia via Surinam
51	PI 181,698		Indonesia via Surinam
52	PI 181,699		Indonesia via Surinam
53	PI 183,485	Abura	Brazil
54	PI 183,900		Malaya
55	PI 194,773		India
56	PI 197,182		Malaya
57	PI 200,486	Kikuchi Nou #1	Shikoku, Japan
58	PI 200,487	Kinoshita	Shikoku, Japan
59	PI 200,488	Kiro-Akidaizu	Shikoku, Japan
60	PI 200,515	Oku Kurodaizu	Shikoku, Japan
61	PI 200,520	Ono	Shikoku, Japan
62	PI 200,521	Oura	Shikoku, Japan
63	PI 200,526	Shiranuki	Shikoku, Japan
64	PI 200,550	Yashiro Zairai #2	Shikoku, Japan
65	PI 200,551	Yonedadake	Shikoku, Japan
66	PI 200,832		Burma
67	PI 203,398		Brazil
68	PI 203,399	Avare (Japan)	Brazil
69	PI 203,400	Branco do Rio Grande	Brazil
70	PI 203,402		Brazil
71	PI 203,403		Brazil
72	PI 203,405	Rio Granda	Brazil
73	PI 203,406	455	Brazil
74	PI 204,331		Paramaribo Surnam
75	PI 204,332		Paramaribo Surnam
76	PI 204,333		Paramaribo Surnam
77	PI 204,334		Paramaribo Surnam
78	PI 204,335		Paramaribo Surnam
79	PI 204,336		Paramaribo Surnam
80	PI 204,337		Paramaribo Surnam

Group VIII-2a

Line No.	Year intro- duced	Flowers		Maturity	Height	Pubescence	
		Color	Date			Color	Type
Improved Pelican		P	8-28	11-5	64	T	N
Hardee		W	8-14	11-5	54	G	N
41	1949	P	8-21	11-15	Proc	T	N
42	1949	P	8-21	11-15	Proc	T	N
43	1949	P	8-21	11-12	Proc	T	N
44	1949	P	8-21	11-12	Proc	T	N
45	1949	P	8-21	11-10	Proc	T	N
46	1949	P	8-21	11-12	Proc	T	N
47	1949	P	8-14	11-15	Proc	T	N
48	1949	P	8-6	11-10	Proc	T	N
49	1950	P	8-21	10-20	50	T	N
50	1950	P	8-14	10-20	52	T	N
51	1950	P	8-21	11-5	50	T	N
52	1950	P	9-4	11-5	54	T	N
53	1950	P	9-4	11-5	66	T	N
54	1950	P	8-28	11-8	68	G	N
55	1951	P	9-4	11-5	58	T	N
56	1951	P	8-28	11-10	56	T	N
57	1952	P	8-14	11-10	64	T	N
58	1952	P	8-14	11-12	64	T	N
59	1952	P	8-14	11-12	68	T	N
60	1952	P	8-21	11-15	62	T	N
61	1952	P	8-14	10-31	56	T	N
62	1952	P	8-21	11-15	58	T	N
63	1952	P	8-21	11-10	38	T	N
64	1952	P	8-21	10-30	32	T	N
65	1952	P	8-21	11-5	54	T	N
66	1952	W	8-1	10-22	44	G	N
67	1953	P	8-28	11-10	60	T	N
68	1953	P	8-28	11-5	44	T	N
69	1953	P	8-21	11-5	58	G	N
70	1953	P	8-14	11-5	52	G	N
71	1953	P	8-28	11-5	62	T	N
72	1953	P	8-21	11-8	60	T	N
73	1953	P	8-28	11-10	66	T	N
74	1953	W	8-14	10-31	62	G	N
75	1953	W	8-21	11-5	60	G	N
76	1953	W	8-28	10-31	52	G	N
77	1953	W	8-14	11-5	54	G	N
78	1953	P	8-14	10-22	70	T	N
79	1953	P	8-14	10-22	64	T	N
80	1953	P	8-28	11-15	Proc	T	N

Group VIII-2b

Line No.	Seed				Percent		
	Pod color	Coat color	Hilum color	Size	Quality	Protein	Oil
Imp. Pel. Hardee	Br T	Y Y	Br Bf	11.9 14.3	2 2	40.4 37.4	20.8 22.4
41	Br	B1	B1	5.2	2	42.7	14.0
42	Br	B1	B1	5.6	2	42.9	15.0
43	Br	B1	B1	5.4	2	42.1	13.7
44	Br	B1	B1	5.1	2	41.1	14.7
45	Br	B1	B1	5.3	2	42.6	14.5
46	Br	B1	B1	4.4	2	43.2	13.4
47	Br	B1	B1	5.6	3	42.4	14.5
48	T	B1	B1	6.9	3	44.0	15.0
49	Br	B1	B1	8.5	2	41.0	19.1
50	B	B1	B1	7.5	2	41.7	18.4
51	Br	Y	Br	6.9	2	43.5	15.7
52	Br	Y	B	14.5	2	45.1	17.8
53	Br	Y	Br	13.7	2	46.4	17.3
54	T	Y	Br	12.4	2	44.2	17.3
55	T	Br	Br	7.2	2	44.6	15.9
56	T	Y	Br	11.8	2	41.5	17.6
57	T	Y	Br	11.8	2	44.9	17.4
58	T	Y	Br	12.6	2	41.4	18.7
59	Br	Y	Br	13.9	2	39.7	20.7
60	Br	B1	B1	14.6	2	39.6	19.9
61	Br	Y	Br	11.0	2	42.1	18.2
62	T	Y	Br	16.6	2	40.0	19.6
63	T	Y	B1	15.6	2	38.0	20.8
64	T	Y	Br	14.3	2	37.7	20.6
65	T	Y	Br	14.3	2	43.0	18.7
66	Br	Y	Br	12.4	2	38.9	22.7
67	T	Y	Br	13.9	2	44.9	18.0
68	T	Y	Br	21.4	2	40.0	21.0
69	T	Y	Br	19.7	2	41.5	19.0
70	T	Y	Br	15.0	2	39.2	20.7
71	T	Y	Br	21.3	2	41.0	21.2
72	T	Y	Br	19.6	2	39.9	21.0
73	T	Y	Br	14.8	2	43.1	17.2
74	T	Y	Br	13.0	2	42.4	17.8
75	T	Y	Bf	12.3	2	43.2	17.2
76	T	Y	Bf	12.6	2	42.0	16.7
77	T	Y	Br	11.2	2	43.0	17.4
78	Br	Y	Br	7.3	2	41.1	17.0
79	Br	Y	Br	8.6	2	40.0	17.7
80	Br	Y	Br	8.0	2	40.4	17.8

Group VIII-2c

Line No.	Protein Comp. Methionine	Oil Composition			Shatter	Disease Reaction				Salt reaction
		Lino- lenic	Lino- leic	Iodine No.		B.P.	Frog- eye	D.M.	P.R.	
Imp. Pel. Hardee	1.3	7.04	53.6	134.5	1	4			R	S
		6.11	51.2	134.3	1	1			R	-
41		8.72	50.8	138.8		3			S	S
42		9.32	51.6	143.7		3			S	S
43		10.53	52.1	144.3		3			S	S
44		8.77	51.9	142.6		3			S	S
45		9.12	51.4	141.1		3			S	S
46		9.24	51.2	142.8		3			S	S
47		8.54	51.0	139.1		3			S	S
48		9.51	49.6	135.4		3			S	S
49		8.56	43.1	126.9	5	3			R	S
50		7.08	46.2	127.7	5	3			R	T
51	1.2	9.05	46.9	133.4	4	3			R	T
52	1.2	7.84	48.7	134.0	2	3			R	S
53	1.1	7.98	50.4	135.1	2	4			R	S
54	1.2	8.42	46.8	133.2	2	3			R	S
55	-	8.66	52.2	139.9	3	3			S	S
56	1.2	6.11	49.9	130.3		3			R	S
57	1.2	6.56	50.1	132.3		3			R	S
58	1.3	6.40	51.3	134.0	2	3			R	S
59	1.4	6.23	49.7	132.3	3	3			S	T
60	-	6.52	54.0	136.3	3	3			R	T
61	1.2	6.30	49.7	131.2	4	3			R	-
62	1.3	8.48	51.7	136.3	2	3			R	T
63	1.4	7.57	53.0	138.0	4	4			R	T
64	1.4	7.22	46.8	131.2	4	3			R	T
65	1.3	6.81	49.7	129.6	4	3			R	T
66	1.4	6.89	51.0	133.2		4			S	S
67	1.2	8.21	48.9	134.0	2	3			S	-
68	1.4	7.26	48.6	132.9	2	3			R	-
69	1.2	6.30	49.7	133.4	2	3			S	T
70	1.2	7.28	49.9	134.0	4	3			S	-
71	1.1	6.23	47.5	130.9	2	3			R	-
72	1.1	6.77	48.2	131.5	2	3			R	T
73	1.2	10.14	48.1	135.4	2	3			S	T
74	1.3	7.51	46.8	133.2	5	3			R	S
75	1.1	6.67	45.0	129.2	5	3			R	T
76	1.1	7.08	45.5	129.6	5	3			R	T
77	1.2	6.81	46.7	131.5	5	3			R	T
78	1.1	7.82	46.1	133.4	5	3			S	T
79	1.2	7.20	42.6	128.3	4	3			R	T
80	1.3	7.74	47.0	134.7	3	3			R	S

Group VIII-3

Line No.	Variety or number	Parentage or variety name	Source
Improved Pelican Hardee			
81	PI 204,338		Paramaribo Surinam
82	PI 204,339		Paramaribo Surinam
83	PI 204,340		Paramaribo Surinam
84	PI 205,899		
85	PI 205,901	Ma Kam Lung A	American Embassy, Thailand
86	PI 205,902	Ma Kam Lung B	American Embassy, Thailand
87	PI 205,903	Ma Kam Lung C	American Embassy, Thailand
88	PI 205,906	Ringgit.. #317	American Embassy, Thailand
89	PI 205,907	San Patong tung Farbut	American Embassy, Thailand
90	PI 205,908	Sri-Samrong	American Embassy, Thailand
91	PI 205,909	Sumbing #452	American Embassy, Thailand
92	PI 205,910	Taklee	American Embassy, Thailand
93	PI 205,911	Taing-tam	American Embassy, Thailand
94	PI 205,912	USA-ARD-A	American Embassy, Thailand
95	PI 205,913	No. 27	American Embassy, Thailand
96	PI 205,914	No. 29	American Embassy, Thailand
97	PI 205,915	No. 520	American Embassy, Thailand
98	PI 206,258	Headgreen	Philippines
99	PI 208,203		Indonesia via Columbia, S.A.
100	PI 208,204		Indonesia via Columbia, S.A.
101	PI 208,429		Katmandy Valley, India 5000'
102	PI 208,430		Morayandi Knola, India 6000'
103	PI 208,434		Katanda Valley, India 4500'
104	PI 208,435		Nolma 4800'
105	PI 209,340	Obatsurumame	Japan
106	PI 209,577	Obatsurumama	Japan
107	PI 209,578 _{3/}	Obatsurumama	Japan
108	PI 209,832 3/	From PI 208,435	New Delhi, India
109	PI 209,833		New Delhi, India
110	PI 209,834		New Delhi, India
111	PI 209,837		New Delhi, India
112	PI 210,178		Formosa
113	PI 210,348		Mozambique
114	PI 210,349	Jubiltan 55	Mozambique
115	PI 210,350	Jubiltan 67	Mozambique
116	PI 215,688		Rehovolt, Israel
117	PI 215,690		Rehovolt, Israel
118	PI 215,691		Rehovolt, Israel
119	PI 215,692		Rehovolt, Israel
120	PI 215,755		Peru

Group VIII-3a

Line No.	Year intro- duced	Flowers		Maturity	Height	Pubescence	
		Color	Date			Color	Type
Improved Pelican Hardee		P	8-28	11-5	64	T	N
		W	8-14	11-5	54	G	N
81	1953	P	8-14	10-22	60	T	N
82	1953	P	8-21	11-5	72	T	N
83	1953	P	8-21	10-22	60	T	N
84	1953	W	9-4	11-10	62	T	N
85	1953	W	9-4	11-10	66	G	N
86	1953	P	9-4	11-10	64	G	N
87	1953	P	8-14	11-8	52	G	N
88	1953	P	8-21	10-24	66	T	N
89	1953	W	8-28	11-10	68	G	N
90	1953	W	8-28	11-5	62	T	N
91	1953	P	8-14	11-8	58	T	N
92	1953	P	9-4	11-10	62	T	N
93	1953	P	8-21	11-8	56	G	N
94	1953	P	8-21	11-8	52	G	N
95	1953	P	8-21	10-24	60	T	N
96	1953	P	8-21	11-10	64	T	N
97	1953	W	8-14	10-22	44	T	N
98	1953	P	8-1	10-31	74	G	N
99	1953	P	8-1	10-31	72	T	N
100	1953	W	8-14	10-20	66	T	N
101	1953	P	8-21	10-22	72	T	N
102	1953	P	8-28	11-15	Proc	T	N
103	1953	P	8-28	11-8	44	T	N
104	1953	P	8-28	11-8	62	T	N
105	1953	P	8-21	11-5	58	T	N
106	1953	P	8-21	11-10	48	T	N
107	1953	P	8-28	11-15	Proc	T	N
108	1953	P	9-4	11-20	40	T	N
109	1953	P	8-21	11-15	44	T	N
110	1953	P	9-11	11-20	42	T	N
111	1953	P	8-21	11-8	58	T	N
112	1953	P	8-14	10-22	60	T	N
113	1953	W	8-1	11-5	64	G	N
114	1953	P	8-21	11-10	62	T	N
115	1953	P	9-11	11-20	62	T	N
116	1954	P	9-4	11-5	72	T	N
117	1954	W	9-4	11-20	68	T	N
118	1954	W	9-4	11-2	62	T	N
119	1954	W	9-4	11-20	64	G	N
120	1954	P	8-28	11-20	54	T	N

Group VIII-3b

Line No.	Seed			Size	Quality	Percent	
	Pod color	Coat color	Hilum color			Protein	Oil
Imp. Pel. Hardee	Br T	Y Y	Br Bf	11.9 14.3	2 2	40.4 37.4	20.8 22.4
81	Br	Y	Br	10.5	2	38.9	19.6
82	T	Y	Br	9.1	2	42.4	18.5
83	Br	B1	B1	7.5	2	42.4	16.7
84	T	B1	B1	8.8	2	41.0	16.3
85	T	Br	Br	8.6	2	43.2	15.2
86	T	Y	Br	9.4	2	42.3	16.6
87	T	Y	Br	8.6	2	43.9	15.6
88	Br	Y	Br	10.0	2	40.0	18.6
89	T	Y	Br	9.4	2	42.0	17.2
90	Br	Y	Br	10.1	2	42.9	17.9
91	Br	Y	Br	8.9	2	42.4	19.4
92	Br	Y	Br	7.3	2	41.6	15.8
93	T	Y	Br	9.9	2	43.1	15.6
94	T	Y	Br	9.5	2	39.8	17.3
95	Br	B1	B1	9.6	2	41.1	18.7
96	Br	Y	Br	7.2	2	41.3	20.7
97	T	B1	B1	8.8	2	42.0	16.7
98	T	Y	Br	15.4	2	41.3	20.2
99	T	Y	Br	16.1	2	40.7	18.1
100	Br	Y	Br	9.1	2	39.6	16.-
101	Br	B1	B1	11.4	2	41.3	16.7
102	Br	B1	B1	6.8	2	41.8	15.3
103	Br	Y	Br	12.4	3	40.5	18.2
104	Br	B1	B1	10.0	2	41.8	17.8
105	T	Y	Br	10.5	2	44.5	15.0
106	Br	Gn	Br	10.2	2	43.0	18.5
107	T	Y	Br	7.3	2	42.5	15.4
108	Br		Br	12.8	3	45.3	15.5
109	Br	Y	Br	10.8	2	46.1	15.4
110	Br	Br	Br	8.1	3	41.2	15.4
111	Br	Y	Br	15.3	2	42.0	19.3
112	Br	B1	B1	7.8	2	40.0	16.8
113	T	Y	Bf	16.1	2	38.5	21.1
114	Br	B1	B1	7.8	2	39.4	17.7
115	T	B1	B1	8.9	2	42.8	16.4
116	T	Y	Br	9.0	2	40.3	16.0
117	T	Y	Br	9.5	2	39.4	16.6
118	T	Y	Br	9.3	2	40.2	16.7
119	T	Y	Br	9.5	2	40.7	16.7
120	T	B1	B1	11.8	2	38.8	18.2

Group VIII-3c

Line No.	Protein Comp. Methionine	Oil Composition			Shatter	Disease Reaction				Salt reaction
		Lino- lenic	Lino- leic	Iodine No.		B.P.	Frog- eye	D.M.	P.R.	
Imp. Pel. Hardee	1.3	7.04	53.6	134.5	1	4			R	S
		6.11	51.2	134.3	1	1			R	-
81	1.4	6.98	48.5	134.3	5	3			R	S
82	1.3	9.09	49.5	138.8	5	3			R	S
83	-	6.95	45.2	128.3	5	3			R	S
84	-	11.42	49.4	142.8	2	3			S	-
85	-	11.01	46.3	138.0	2	3			R	-
86	1.2	9.10	48.0	134.7	2	4			R	-
87	1.2	9.53	47.9	136.9	-	3			R	S
88	1.3	7.18	48.2	134.3	5	4			R	S
89	1.3	9.84	48.8	139.9	1	3			R	S
90	1.3	9.65	49.9	140.5	1	3			R	S
91	1.3	7.94	50.4	135.7	3	3			R	S
92	1.3	9.18	47.4	136.9	2	3			R	T
93	1.2	10.00	51.2	138.2	2	3			R	S
94	1.2	9.28	47.8	136.3	2	3			R	T
95	-	7.41	46.3	132.6	5	3			R	S
96	1.4	9.55	46.2	136.9	3	3			R	T
97	-	6.36	39.4	123.8	5	3			R	S
98	1.3	7.20	45.1	131.2	2	4			S	-
99	-	7.80	48.7	129.6	2	4			S	-
100	1.3	7.98	42.2	138.0	5	3			R	S
101	-	7.33	51.1	138.3	4	3			S	S
102	-	8.95	49.3	141.4	-	3			S	S
103	-	8.07	50.2	139.1	3	3			S	T
104	-	7.39	50.4	139.1	2	3			S	S
105	1.2	7.82	49.7	135.4	5	3			S	S
106	1.2	7.67	48.9	135.7	-	3			R	T
107	1.2	9.61	51.8	142.0	-	3			R	T
108	1.4	9.92	48.0	139.4	-	3			S	S
109	1.3	11.81	52.2	147.1	-	3			S	S
110	-	10.10	46.2	137.2	-	3			S	S
111	1.3	7.22	48.1	135.4	-	3			R	T
112	-	10.27	46.3	138.6	5	3			R	T
113	1.3	7.47	46.9	133.7	2	3			S	S
114	-	9.81	49.1	139.1	2	3			R	S
115	-	10.31	47.6	137.2	-	3			S	S
116	1.3	11.09	47.5	140.8	-	3			S	T
117	1.3	10.99	46.1	137.7	-	3			S	T
118	1.1	10.66	46.5	136.9	-	3			S	T
119	1.1	11.01	46.6	138.3	2	3			S	S
120	-	6.58	49.4	134.3	2	3			R	T

Group VIII-4

Line No.	Vareity or number	Parentage or variety name	Source
	Improved Pelican Hardee		
121	PI 219,653		Indonesia
122	PI 219,654		Indonesia
123	PI 221,716	Sel. 502S244	South Africa
124	PI 222,547	No. 951-DCE-Sj074	Argentina
125	PI 222,548	No. 951-DCE-Sj076	Argentina
126	PI 222,549	No. 951-DCE-Sj094	Argentina
127	PI 222,550	No. 951-DCE-Sj096	Argentina
128	PI 224,268		Hyogo, Japan
129	PI 227,687	Niyako White	Agr. Exp. Sta. Okinawa
130	PI 228,056	Oita-Akidaizu	Shikoku Agr. Exp. Sta., Kagawa, Japan
131	PI 238,109		Ryukyu Islands
132	PI 239,235		Thailand
133	PI 239,236	Otootan #6	Thailand
134	PI 239,237	Otootan #27	Thailand
135	PI 239,484	#55	Yeotmal Vidarbha, India
136	PI 240,662		Philippines
137	PI 240,663		Philippines
138	PI 240,664	Bilomi #3	Philippines
139	PI 240,665		Philippines
140	PI 240,666		Philippines
141	PI 240,667	Hybrid 2217	Philippines
142	PI 240,669	Strain 3910	Philippines
143	PI 240,670	Dixie	Philippines
144	PI 240,671	Yellow Biloxi #37	Philippines
145	PI 240,672	Yellow Biloxi #12	Philippines
146	PI 240,826		Philippines
147	PI 245,007	H-49	Philippines
148	PI 245,008		Philippines
149	PI 247,678		Philippines
150	PI 247,679		Philippines
151	PI 253,657		Argentina
152	PI 259,538	Kedeleee #16 (Java)	Sao Paulo, Brazil
153	PI 259,539 ^{3/}	Kedeleee #29 (Java)	Sao Paulo, Brazil
154	PI 259,540	(Nigeria)	Sao Paulo, Brazil
155	PI 259,542	Preta Estacao (Angola)	Sao Paulo, Brazil
156	PI 259,543 ^{3/}	No. 29 (Java)	Sao Paulo, Brazil
157	PI 261,271	Tua Luang (Yellow bean)	Thailand
158	PI 261,272	Tua Noa (Stinking bean)	Thailand
159	PI 262,180	Sankuo	Formosa
160	PI 263,044		Guatamala

Group VIII-4a

Line No.	Year intro- duced	Flowers		Maturity	Height	Pubescence	
		Color	Date			Color	Type
Improved Pelican Hardee		P	8-28	11-5	64	T	N
		W	8-14	11-5	54	G	N
121	1954	P	8-28	11-10	48	T	N
122	1954	P	8-14	10-20	76	T	N
123	1954						
124	1954	P	8-28	11-5	52	T	N
125	1954	P	8-28	11-8	58	T	N
126	1954	P	9-4	11-8	54	T	N
127	1954	P	8-28	11-8	56	T	N
128	1955	P	8-6	11-12	26	T	N
129	1955	P	7-21	10-18	38		N
130	1955	P	8-14	10-30	34	G	N
131	1956	P	10-8	11-25	60	T	N
132	1956	W	8-28	11-8	56	G	N
133	1956	P	9-4	11-10	60	T	N
134	1956	P	8-21	10-24	64	T	N
135	1956	P	9-11	11-20	66	G	N
136	1958	P	9-4	11-20	62	T	N
137	1958	P	9-11	11-22	60	T	N
138	1958	P	9-11	11-22	68	T	N
139	1958	P	8-14	10-22	64	T	N
140	1958	P	8-21	10-31	77	T	N
141	1958	W	9-4	11-20	68	G	N
142	1958	W	9-4	11-20	72	G	N
143	1958	P	9-4	11-20	70	G	N
144	1958	W	8-28	11-5	70	G	N
145	1958	P	8-21	11-8	68	T	N
146	1958	P	9-4	11-20	54	G	N
147	1958	P	8-21	11-15	56	G	N
148	1958	P	8-28	11-8	52	G	N
149	1958	W	8-14	10-22	66	T	N
150	1958	P	8-21	11-10	Proc	T	N
151	1958	P	8-21	10-24	68	T	N
152	1960	P	8-21	10-22	46	T	N
153	1960	P	8-21	11-8	48	T	
154	1960	P	8-28	11-5	52	T	N
155	1960	P	9-4	11-8	56	T	N
156	1960	P	8-21	11-5	50	T	N
157	1960	W	9-4	11-12	60	T	N
158	1960	P	9-4	11-20	52	T	N
159	1960	P	8-14	11-12	68	T	N
160	1960	P	8-21	11-5	74	T	N

Group VIII-4b

Line No.	Pod color	Coat color	Seed			Percent	
			Hilum color	Size	Quality	Protein	Oil
Imp. Pel.	Br	Y	Br	11.9	2	40.4	20.8
Hardee	T	Y	Bf	14.3	2	37.4	22.4
121	Br	Y	Br	5.7	2	38.4	14.4
122	Br	Y	Br	7.5	2	38.1	18.1
123		Y	B1	16.6	2	37.5	22.8
124	Br	Y	Br	13.2	2	39.5	18.8
125	Br	Y	Br	12.8	2	39.4	16.2
126	Br	B1	B1	8.4	2	39.8	17.2
127	Br	B1	B1	8.5	2	40.0	16.2
128	Br	Y	Br	16.2	2	38.7	21.0
129				5.3	2	39.0	16.6
130	T	Y	Bf	16.2	2	38.7	22.9
131		Y	Br	8.0	2	38.3	15.8
132	T	Y	Br	6.9	2	39.3	14.9
133	Br	B1	B1	8.6	2	39.3	18.0
134	Br	B1	B1	8.0	2	39.9	17.5
135	T	T	Br	11.2	2	39.1	16.1
136	Br	Y	Br	12.6	2	38.7	18.0
137	Br	Y	Br	13.4	2	38.1	17.8
138	Br	Y	Br	13.0	2	39.2	18.3
139	Br	B1	B1	12.1	3	39.2	17.3
140	Br	Y	B1	16.5	2	41.0	19.1
141	T	Y	Br	10.0	2	44.2	17.3
142	T	Y	Br	10.5	2	44.3	16.5
143	T	Y	Y	8.4	2	42.7	15.8
144	T	Y	Y	19.9	2	42.4	16.8
145	Br	Y	Y	21.5	2	40.6	18.6
146	T	Y	Y	10.6	2	44.9	16.2
147	Br	Y	Y	15.2	2	41.8	17.6
148	T	Y	Y	10.2	2	44.0	16.2
149	Br	Y	Y	8.7	2	39.8	19.5
150	Br	B1	B1	8.0	2	40.7	18.1
151	Br	B1	B1	13.0	2	42.3	19.0
152	Br	B1	B1	7.3	2	42.3	18.5
153	Br	M	Br	6.4	2	43.0	15.7
154	Br	B1	B1	8.0	2	41.5	16.7
155	Br	B1	B1	9.6	2	41.4	18.0
156	Br	M	Br	6.8	2	42.9	15.8
157	T	Y	Br	8.6	2	41.6	17.2
158	Br	Y	Br	7.6	2	42.7	14.6
159	Br	Y	Br	13.5	2	42.0	19.5
160	Br	Y	Br	12.1	2	41.4	20.6

Group VIII-4c

Line No.	Protein Comp. Methionine	Oil Composition			Shatter	Disease Reaction				Salt reaction
		Lino- lenic	Lino- leic	Iodine No.		B.P.	Frog- eye	D.M.	P.R.	
Imp. Pel. Hardee	1.3	7.04	53.6	134.5	1	4			R	S
		6.11	51.2	134.3	1	1			R	-
121	1.3	8.91	46.1	134.3	2	3			R	S
122	1.3	7.61	45.4	132.3	5	3			R	S
123	1.2	6.21	47.7	132.6	1				R	-
124	1.2	7.33	47.7	132.3	2	3			S	T
125	1.4	7.37	48.6	132.3	2	3			S	S
126	-	8.05	51.1	140.5	3	3			S	T
127	-	7.28	50.3	140.2	3	3			S	T
128	1.4	6.85	51.1	134.7	1	4			R	
129	1.2	9.98	47.8	138.6	1				R	
130	1.2	6.91	50.8	135.4		4			R	
131	1.5	9.98	47.8	137.7		3			S	
132	1.5	10.49	47.1	138.6	2	3			S	
133	-	7.41	51.9	138.3	3	3			S	
134	-	6.91	43.5	129.2	5	3			R	
135	1.5	10.02	47.2	138.3		3			S	
136	1.4	7.98	49.1	136.0		3			S	
137	1.5	7.45	48.3	135.4		3			S	
138	1.4	8.44	49.1	135.7		3			S	
139	-	5.06	33.8	118.9	4	3			S	
140	1.4	7.47	46.3	134.3	2	3			S	
141	1.3	9.03	46.1	136.6		3			S	
142	1.4	9.84	45.8	136.0		3			S	
143	1.3	9.98	43.6	136.3	3	3			R	
144	1.3	6.83	48.9	136.0	2	4			S	
145	1.3	5.99	43.4	130.0	3	3			S	
146	1.3	10.84	46.7	139.9	2	3			S	
147	1.4	6.05	46.9	130.6	2	3			S	
148	1.3	9.05	46.6	136.3	4	3			S	
149	1.5	6.79	50.7	136.0	3	3			S	
150	-	8.07	52.6	138.8	3	3			S	
151	-	7.39	51.8	135.7	4	3			S	
152	-	7.37	43.9	127.7	5	3			R	
153	-	9.23	47.3	134.3	5	3			R	
154	-	8.21	49.3	138.0	4	3			R	
155	-	7.67	50.9	137.7	3	3			S	
156	1.3	9.05	46.7	136.0	5	3			R	
157	1.4	9.94	48.4	139.4		3			S	
158	1.5	10.76	49.3	142.8		3			S	
159	1.4	5.60	47.3	130.3		3			R	
160	1.4	7.59	50.1	138.0		4			S	

Group VIII-5

Line No.	Variety or number	Parentage or variety name	Source
	Improved Pelican Hardee		
161	PI 265,491	133,225 (La. Molina, Peru)	Bogata, Columbia
162	PI 265,497		Bogata, Columbia
163	PI 265,498	T-2(Yanggmibi, Congo Belege)	Bogata, Columbia
164	PI 274,453		Okinawa
165	PI 274,454		Okinawa
166	PI 274,506		Taiwan
167	PI 274,507		Taiwan
168	Hardee	D49-772 x Improved Pelican	U.S. Reg. Soybean Lab.&Fla.A.E.S.
169	PI 279,088	Light Speckled	Tanganyika
170	PI 281,883		Indonesia
171	PI 281,887		Indonesia
172	PI 281,888		Indonesia
173	PI 281,890		Indonesia
174	PI 281,891		Indonesia
175	PI 281,892		Indonesia
176	PI 281,893		Indonesia
177	PI 281,894		Indonesia
178	PI 281,895		Indonesia
179	PI 281,896		Indonesia
180	PI 281,897		Indonesia
181	PI 281,898		Malaya
182	PI 281,899		Malaya
183	PI 281,900		Malaya
184	PI 281,901		Malaya
185	PI 281,902		Malaya
186	PI 281,905		Malaya
187	PI 281,906		Malaya
188	PI 281,907		Malaya
189	PI 281,908		Malaya
190	PI 281,909		Malaya
191	PI 281,910		Malaya
192	PI 281,911		Philippines
193	PI 281,912		Thailand
194	PI 281,913		Thailand
195	PI 283,326		Australia
196	PI 283,328		Australia
197	PI 284,814		Australia
198	PI 284,816		Australia
199	PI 285,089		Venezuela
200	PI 285,090		Venezuela

Group VIII-5a

Line No.	Year intro- duced	Flowers		Maturity	Height	Pubescence	
		Color	Date			Color	Type
Improved Pelican Hardee		P	8-28	11-5	64	T	N
		W	8-14	11-5	54	G	N
161	1960	P	8-21	11-8	52	T	N
162	1960	P	8-6	11-8	54	G	N
163	1960	P	8-14	11-10	60	T	N
164	1961	P	10-8	11-25	Proc		
165	1961	P	10-8	11-25	Proc		
166	1961	P	8-14	10-24	68	T	N
167	1961	P	8-14	11-8	42	T	N
168	1962	W	8-14	11-5	54	G	N
169	1961	P	8-28	11-12	48	T	N
170	1962	P	9-4	11-26	62	T	N
171	1962	P	9-4	11-21	60	T	N
172	1962	P	8-26	11-21	40	T	N
173	1962	P	9-12	11-31	50	T	N
174	1962	P	9-4	11-26	46	T	N
175	1962	P	9-4	11-26	60	T	N
176	1962	P	9-4	11-31	52	T	N
177	1962	P	9-4	11-16	64	T	N
178	1962	P	9-4	11-21	62	T	N
179	1962	P	9-4	11-21	62	T	N
180	1962	P	9-12	11-31	46	T	N
181	1962	P	9-4	11-31	56	T	N
182	1962	P	9-12	11-26	60	T	N
183	1962	P	9-12	11-19	32	T	N
184	1962	P	9-12	11-26	64	T	N
185	1962	P	9-12	11-26	62	T	N
186	1962	P	9-4	11-26	62	T	N
187	1962	P	9-4	11-26	58	T	N
188	1962	P	9-4	11-26	60	T	N
189	1962	P	9-4	11-26	62	T	N
190	1962	P	9-12	11-26	50	T	N
191	1962	P	9-4	11-21	54	T	N
192	1962	P	9-4	11-31	54	T	N
193	1962	P	9-4	11-26	56	T	N
194	1962	P	9-12	11-26	58	T	N
195	1962	P	8-26	10-30	48	T	N
196	1962	P	8-14	11-9	54	T	N
197	1962	P	8-26	11-9	48	T	N
198	1962	W	9-4	11-21	64	G	N
199	1962	P	9-4	11-9	62	T	N
200	1962	P	8-26	11-9	68	G	N

Group VIII-5b

Line No.	Pod color	Coat color	Seed			Percent	
			Hilum color	Size	Quality	Protein	Oil
Imp. Pel.	Br	Y	Br	11.9	2	40.4	20.8
Hardee	T	Y	Bf	14.3	2	37.4	22.4
161	T	B1	B1	8.0	2	42.2	17.6
162	T	Y	Br	19.5	2	40.7	20.9
163	Br	Y	B1	9.2	2	42.0	17.5
164		Br	Br	5.4	2	43.5	13.8
165		Y	Br	8.5	2	46.2	13.7
166		B1	B1	8.3	2	42.4	18.0
167		Y	B1	9.5	2	45.4	15.8
168	T	Y	Bf	14.0	2	39.5	21.5
169	Br	Y	Br	7.8	2	40.0	16.0
170		Y	Br	10.5	2	40.5	16.9
171		Y	Br	9.7	2	41.4	16.4
172		Y	Br	10.0	2	42.2	16.8
173		Y	Br	10.6	2	42.2	16.2
174		Y	Br	10.6	2	41.0	17.2
175		Y	Br	10.4	2	41.5	17.1
176		Y	Br	11.0	2	40.2	15.3
177		Y	Br	10.8	2	41.4	16.8
178		Y	Br	10.6	2	41.5	16.3
179		Y	Br	10.7	2	41.3	16.4
180		Y	Br	10.5	2	40.8	16.5
181		Y	Br	10.0	2	41.7	16.2
182		Y	B1	10.8	2	40.1	17.2
183		Y	Br	10.8	2	41.2	16.2
184		Y	Br	10.7	2	41.0	16.8
185		Y	Br	10.9	2	41.0	16.4
186		Y	Br	10.3	2	40.8	15.8
187		Y	Br	10.4	2	40.4	16.3
188		Y	Br	10.0	2	42.5	16.2
189		Y	Br	10.0	2	42.4	15.9
190		Y	Br	10.3	2	42.2	16.7
191		Y	Br	10.6	2	41.9	16.1
192		Y	Br	10.5	2	42.5	16.0
193		Y	Br	10.8	2	42.1	16.2
194		Y	Br	11.6	2	42.4	15.6
195		Y	Br	8.6	2	43.7	16.9
196		Y	Br	14.1	2	44.2	18.5
197		B1	B1	10.6	2	39.2	18.7
198		Y	Br	10.0	2	43.5	16.3
199		Y	Br	19.7	2	42.3	17.7
200		Y	Br	23.2	2	42.3	18.8

Group VIII-5c

Line No.	Protein Comp. Methionine	Oil Composition			Shatter	Disease Reaction				Salt reaction
		Lino- lenic	Lino- leic	Iodine No.		B.P.	Frog- eye	D.M.	P.R.	
Imp. Pel Hardee	1.3	7.04	53.6	134.5	1	4			R	S
		6.11	51.2	134.3	1	1			R	-
161	-	6.63	52.3	136.9	3	3			S	
162	1.4	5.61	46.5	130.0	2	4			S	
163	1.4	7.76	48.1	134.3	4	3			R	
164	-	9.30	47.4	136.9		3			S	
165	1.2	8.81	47.1	135.1		3			S	
166	-	7.65	48.3	135.7	5	3			R	
167	1.4	9.55	48.0	140.2	2	3			S	
168	1.3	5.86	51.1	135.4	1	1			R	
169	1.2	10.62	50.4	142.8		3			R	
170	1.1	9.55	48.2	138.0					S	
171	1.2	9.75	49.0	138.6					S	
172	1.2	8.15	47.1	135.7					R	
173	1.2	9.67	47.9	138.8					S	
174	1.3	9.36	47.8	138.6					S	
175	1.2	9.94	47.8	138.6					S	
176	1.2	8.95	48.3	138.0					S	
177	1.3	9.32	48.2	140.8					S	
178	1.2	9.20	47.9	139.9					R	
179	1.3	9.88	48.0	138.8					S	
180	1.4	9.44	48.1	138.8					S	
181	1.4	9.69	47.7	138.0					S	
182	1.4	9.77	48.4	138.0					S	
183	-	8.87	46.5	135.4					S	
184	1.3	9.12	47.2	138.3					S	
185	1.4	9.16	48.1	136.0					S	
186	1.5	9.57	48.0	136.6					S	
187	1.5	9.79	48.6	138.6					S	
188	1.3	9.34	49.3	137.2					S	
189	1.3	9.49	47.8	136.3					S	
190	-	9.20	47.7	136.0					S	
191	1.4	9.05	48.8	136.6					S	
192	1.2	9.05	48.1	137.2					S	
193	1.5	9.14	49.0	138.3					S	
194	1.4	9.73	45.6	136.3					S	
195	1.4	7.94	50.1	135.7					R	
196	1.3	5.80	44.0	128.6					R	
197	-	7.43	46.1	136.0					S	
198	1.4	10.21	44.6	136.9					S	
199	1.4	7.82	48.9	134.3					S	
200	1.4	6.65	44.8	130.9					S	

Group VIII-6

Line No.	Variety or number	Parentage or variety name	Source
	Improved Pelican Hardee		
201	PI 285,091		Venezuela
202	PI 285,094		Venezuela
203	PI 285,095		Venezuela
204	PI 285,096		Venezuela
205	PI 285,097		Venezuela

1/ Green cotyledons.

2/ Saddle pattern.

3/ Seed coat color yellow, green, black.

Group VIII-6a

Line No.	Year intro- duced	Flowers		Maturity	Height	Pubescence	
		Color	Date			Color	Type
Improved Pelican		P	8-28	11-5	64	T	N
Hardee		W	8-14	11-5	54	G	N
201	1962	P	8-14	11-9	56	M	N
202	1962	P	8-26	11-26	64	T	N
203	1962	P	8-26	11-9	66	T	N
204	1962	P	9-4	11-11	56	T	N
205	1962	P	9-12	11-26	76	T	N

Group VIII-6b

Line No.	Pod color	Coat color	Seed			Percent	
			Hilum color	Size	Quality	Protein	Oil
Imp. Pel.	Br	Y	Br	11.9	2	40.4	20.8
Hardee	T	Y	Bf	14.3	2	37.4	22.4
201		Y	Br	15.4	2	40.6	19.8
202		Y	Br	12.6	2	41.9	17.7
203		Y	Br	18.6	2	45.0	17.9
204		B1	B1	8.9	2	43.3	17.9
205		Y	Br	14.1	2	42.9	17.6

Group VIII-6c

Line No.	Protein Comp. Methinonine	Oil Composition			Shatter	Disease Reaction				Salt reaction
		Lino- lenic	Lino- leic	Iodine No.		B.P.	Frog- eye	D.M.	P.R.	
Imp. Pel.	1.3	7.04	53.6	134.5	1	4			R	S
Hardee		6.11	51.2	134.3	1	1			R	-
201	1.5	6.89	45.9	132.1					S	
202	1.4	8.52	46.8	132.9					S	
203	1.3	6.60	48.2	132.3					R	
204	-	7.59	49.6	136.6					R	
205	1.3	9.26	47.7	136.6					R	

